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Germain & Son Co.

CATALOGUE OF SEEDS,

AGRICULTURAL
& HORTICULTURAL
SUPPLIES,

And GUIDE FOR THE
Garden, Field & Farm

1898


1899

SEED STORE

143 & 145 SOUTH MAIN ST.

Los Angeles, Cal.

Price 10 cts.



TO OUR PATRONS.

WE take pleasure in offering you our new Catalogue of Seeds and Cultural Guide, which has been carefully compiled, and will be found to contain those varieties especially adapted to this climate. It also contains many new varieties of great merit; much valuable information, and will be found the most useful and reliable guide published on this coast.

Testing.—Our Seeds, on arrival, are immediately, thoroughly and carefully tested, by count, and only those stocks that grow a very strong percentage are kept in stock and sent out.

Sources of Supply.—Our sources of supply are world-wide. Whenever California grown seeds are obtainable, and will prove equal in quality to Eastern and European seeds, we prefer them, on account of their superior germinating power.

In the case of Cabbages, Cauliflowers, etc., we find that those saved in colder climates are surer to head, and so we contract with the most reliable European growers for them.

Non-Warranty of Seeds.—We exercise the utmost care and vigilance in testing all seeds sold by us, but owing to uncontrollable influences and accidents, (such as bad weather, improper soil, insects, etc.,) the best seeds will sometimes fail. We have, therefore, in common with all other large seed firms in the United States—members of the American Seed Trade Association—adopted the following disclaimer: "While we exercise the greatest care to have all seeds pure and reliable, we do not give any warranty, express or implied. If the purchaser does not accept the seeds on these terms and conditions they must be returned at once, and the money that has been paid for the same will be refunded."

How to Order.—With this catalogue is enclosed an "Order Sheet" which explains itself, and which we request all our customers to use. Please remember to write your Name, Post Office, County and State as distinctly as possible, also the nearest Express Office, or, if on stage route send us the special directions, giving us the name of the Express Company delivering goods.

How to Remit.—We decline sending perishable goods, as bulbs and plants, C. O. D., unless a remittance of 50 per cent. accompanies the order, to insure us against loss. Orders from unknown correspondents must be accompanied by cash, or satisfactory reference. Cash may be remitted by Post Office Order, Registered Letter, Express, or sums of less than one dollar in postage stamps.

Mode of Forwarding.—We will forward, free by Mail, to any part of the United States, at the retail price annexed, all Vegetable, Tree and Flower Seeds, with the exception of Beans, Corn, and Peas, and where otherwise noted, for either of which ten cents per pound must be added when ordered by mail. We, however, reserve the right to send parcels of seeds by Express, prepaid, when it is to our advantage. All Bird, Grass, Clover and other Agricultural Seeds, when ordered by Mail, will be subject to a charge of ten cents per pound for Postage. When Postage is not added these goods will be sent by Express or Freight at purchaser's expense.

The prices annexed to Vegetable Seeds by the pound, to Beans, Peas, Corn, Grass and Clover Seeds, Bird Seeds, Agricultural Seeds of all kinds, and Onion Sets, being regulated by the Eastern markets, will be liable to fluctuation.

This catalogue will be mailed free to all our customers. Non-customers will please, on application, enclose 10 cents to cover postage which may be deducted from the first order amounting to one dollar sent us.

We also publish a separate Catalogue of Dutch and other Bulbs, and a list of Plants, which will be mailed free on application.

Soliciting your esteemed orders, which shall have our careful and prompt attention, we are, yours faithfully,

GERMAIN FRUIT COMPANY,

P. O. Box 25.

Los Angeles, Cal.

Vegetable Seed Novelties and Specialties.

Beans, Germain's Improved Golden-Eyed Flageolet Wax.—A very early rust-proof variety, producing an enormous crop, of large, flat, yellow pods of excellent quality; a great improvement on the old strain. Per lb. 15c.

Brussels Sprouts, Hercules.—A medium sized variety of excellent quality, and one of the most productive sorts yet introduced, producing well shaped, solid sprouts, which remain a long time in condition for use. Per pkt. 10c.

Cabbage, Savoy, Ironhead.—This new variety is the earliest Savoy ever raised; produces large, solid, round heads, dark green in color, with yellowish green centers. A very desirable sort for market growers. Per pkt. 10c.

Celery, Rose-Ribbed Paris Self-Blanching.—A new self-blanching Celery, resembling the Golden Self-Blanching, but having prominent, rose-colored, ribs; it is unsurpassed in flavor, and is undoubtedly the most beautiful Celery yet introduced. The stems are thick, solid, and brittle, and keep well. Per pkt. 10c, per oz. 50c.

Lettuce, Nansen.—A winter cabbage variety, extremely hardy, and stands very severe frost; forms solid crisp heads, of a yellowish green color. Per pkt. 10c.

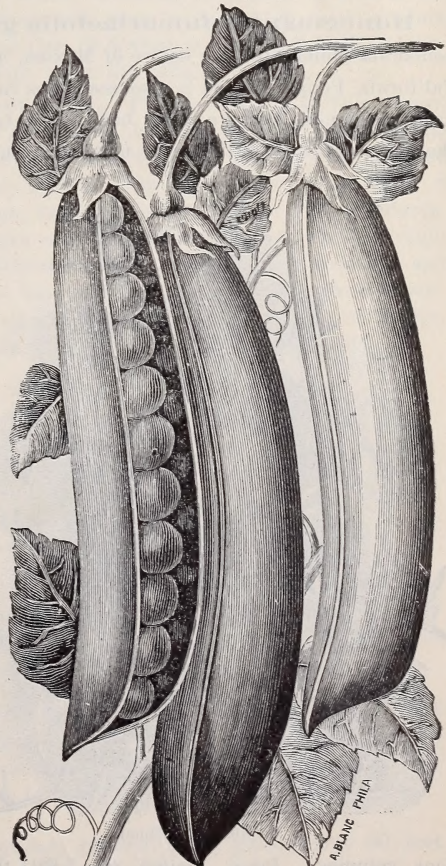
Lettuce, Red Winter Cos.—A black seeded Cos Lettuce, with long green leaves, tinged with brownish red; usually heads well without being tied up, it is very slow in running to seed, and is extremely hardy. Very constant in character, and is hardly ever found to degenerate. Per pkt. 10c.

Peas, Germain's Improved Stratagem.
—(See cut.) An improvement on the ordinary Stratagem; a very vigorous grower, with remarkably luxuriant foliage, and produces an enormous crop, of extra large showy pods; one of the best sorts for market growing. Per lb. 15c.

Radish, First Crop.—This variety will produce roots fit for the table, eight to ten days earlier, than any other forcing sort. In shape it is oval, and in color, bright aniline-red. Per pkt. 10c.

Flower Seed Novelties ... and Specialties.

Aster, Lady.—We cannot praise too highly this new and remarkable class of Asters, which are particularly valuable on account of the exceedingly graceful, branching habit of the plants, and the immense quantities of well formed flowers, which are borne on long slender stems, resembling those of the Mignon class and are invaluable for cutting. The very narrow, light green foliage, as well as the unapproached free flowering qualities, distinguish this class from all others. The plants are unsurpassed for bedding, or for pot culture. In three shades, white, white passing to rose, and rose. Separate, per pkt. 15c, or the three for 40c. The three shades mixed, per pkt. 10c.



Germain's Improved Stratagem.

Centaurea, Carl.—This is a novelty of our own raising. The flowers are pure white and in form like those of *C. Margaritæ*, but more lasting, while the habit of the plant differs, in being of much more vigorous growth, and much hardier; grows into a large bush, and blooms for about three months, producing immense quantities of flowers on long wiry stems, which are especially useful for cutting. Per pkt. 15c.

Centaurea, Chameleon.—A splendid variety, with flowers similar in shape, to those of *C. Margaritæ*, but varying in color, from light yellow, or straw color, to pink and yellow, or light rose. The plants have larger leaves, and are of more robust growth than *C. Margaritæ*. Per pkt. 15c.

Cobea macrostemma.—A rapid growing perennial climber, indigenous to San Salvador. Produces numerous, light, yellow-green, violet tipped, bell shaped flowers, with stamens of enormous length, hence the name of *Macrostemma*. Per pkt. 15c.

Godetia, Gloriosa.—This variety, is decidedly the darkest in color, of all the *Godetias*, being dark blood-red, with satin lustre. The plants are very dwarf, and compact in habit, and especially useful for groups in the open ground. Per pkt. 10c.

Heuchera alba.—(See cut.) A hardy perennial, closely allied to the *Saxifragas*, and of neat bushy habit, flowering from June to September, and producing an abundance, of pure white flowers, especially useful for bouquets. Everyone who knows the older variety, with red flowers, which we introduced a few years ago, will be convinced, that this new White *Heuchera*, is one of the most valuable novelties, offered for many years. Per pkt. 15c.



Heuchera alba.

Hunnemannia fumariaefolia grandiflora.—This is an improved strain, of the old *Hunnemannia fumariaefolia*, a native of Mexico, and bears immense yellow flowers, similar to those of the California Poppy, which it also resembles in foliage, and for which, it is a very good substitute; is a hardy perennial, forms a large bush, two to three feet high, and blooms during the greater part of the year. Flowers of it may be had, when the wild Poppy is out of season. Per pkt. 15c.



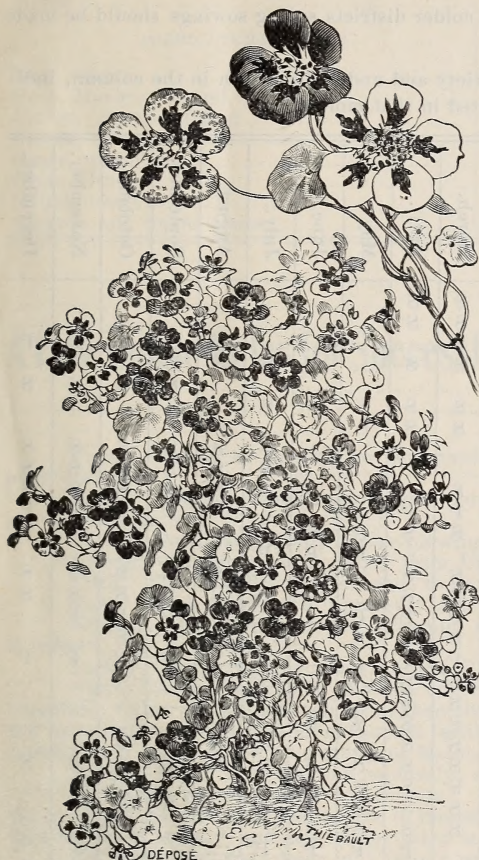
Leptosyne Stillmani.

Leptosyne Stillmani.—(See cut.) A beautiful native annual, from the Sierra Nevadas, where it grows at an elevation, of 5,000 to 6,000 feet. The plant grows about a foot high, and is of bushy, compact habit, with graceful, thinly cut foliage, and each of the many flower stems, is crowned with a lovely, golden yellow blossom, over 1½ inches in diameter, and remains in full beauty for five or six weeks. The seed germinates very quickly, and is best sown in a sunny situation, in light, sandy soil. One remarkable characteristic, of this plant, is that it blooms, within four or five weeks from sowing, which is a distinct advantage. The flowers will be found invaluable for cutting purposes. Per pkt. 25c.

Mignonette, Ruby.—A new variety of striking appearance. The flowers are of a light, copper-scarlet color, the plants compact in growth, and equally useful, for pot culture, or for growing in the open ground. Per pkt. 10c.

Nicholson's Illustrated Dictionary of Gardening, the most instructive book published. Complete in

Nasturtium, Tall Chameleon.—(See cut.) Climbing Nasturtiums have long been favorites, for covering fences, trellises, etc., and we are pleased to offer to the public this season, an entirely new, and really wonderful, variety of this popular flower. The most remarkable feature of this new variety, is that flowers of different colors, are produced on one, and the same plant, some are blotched, striped, or splashed, while others, are self-colored, some have dark margins, or are broadly edged with light shades, while others again are curiously flushed, or stained on clear ground. When in full bloom, the plants present a most charming appearance, twining over a fence, or trailing down a bank. The marvelous contrast, produced by the many flowers, of strikingly different colors, being particularly effective, Per pkt. 15c.



Nasturtium, Tall Chameleon.

Physalis Francheti.—(Chinese Lantern Plant) This new variety, introduced from Japan, resembles the old Winter Cherry, (*P. Alkekengi*) but has larger and more ornamental fruits. The plant grows $1\frac{1}{2}$ to 2 feet high, and is covered with luxuriant foliage, is of erect habit, and produces an abundance, of large white flowers, followed by inflated husks, which are first green, afterwards changing to a yellowish color, and then to orange scarlet, and resembling a Chinese lantern in shape; enclosed in these husks are fruits, of the same color, which are edible, and especially recommended for making preserves. The plants when covered with these showy husks, or lanterns, are very useful, for decorative work. It is a perennial, but flowers and fruits the first year from the seed, if sown early in the season, and succeeds equally well, either in the garden, or grown as a pot plant. Per pkt. 15c.

Rosa multiflora nana.—A new class of Polyantha Roses, blooming from seed, in nine to ten weeks. They only grow a foot high, and produce great quantities, of double and single flowers, of different colors. Per pkt. 15c.

Sweet Pea, Pink Cupid.—This dwarf variety of Sweet Pea, is similar in habit, to the "White Cupid," introduced a few years ago, but hardier, and more easily grown. The plants grow, from 6 to 8 inches high, and bear large flowers, the standards, being bright rose-pink, and the wings white or light pink, produced 3 or 4 on a stem, closely arranged, and opening at the same time, which makes them especially valuable for cutting. The plants are very pretty, for bedding or for pot culture. Per pkt. 25c.

Two Beautiful New Acacias.

We have just received, direct from Australia, seed of the following species of Acacia, and are offering them for the first time in Los Angeles. Our supply of seed is limited, as these species appear to be scarce even in their native country.

Acacia prominens.—This is without doubt one of the most beautiful of Acacias. The leaves are small, about $1\frac{1}{2} \times \frac{1}{8}$ -inch, and linear in form. Flowers, globular, yellow, and produced in such profusion as often to render the leaves invisible. The branches have a pendulous tendency, and the tree, when in bloom, may be compared to a veritable fountain of gold dust. Per pkt. 25c.

Acacia elata.—A magnificent tree, of erect and singularly graceful habit, grows about 60 feet high, and produces an abundance of beautiful yellow blossoms. Per pkt. 25c.

REFERENCE TABLE

Showing at a Glance the best Time to sow the different Kinds of

Vegetable Seeds.

This is arranged for the climate of Los Angeles. In colder districts spring sowings should be made one month later than indicated in column.

EXPLANATIONS — The letters S or P opposite the variety and under the month in the column, indicate that the Seeds, Roots or Plants may be sown or planted in that month.

VARIETY.	January.	February.	March.	April.	May	June.	July.	August.	September.	October.	November.	December.
Artichoke, Globe			S	S								
Asparagus—Seed		S	S	S								
Asparagus—Roots	P	P	P								P	P
Beet, Table varieties	S	S	S	S			S	S	S			
Beans, Broad or English	S	S							S	S	S	S
Beans, Dwarf or Bush		S	S	S	S	S	S					
Beans, Pole			S	S	S							
Broccoli	S	S					S	S	S	S	S	S
Brussels Sprouts	S	S					S	S	S	S	S	S
Cabbage, Early—Seeds	S	S	S				S	S	S	S	S	S
Cabbage, Early—Plants		P	P	P					P	P	P	P
Cabbage, Late—Seeds			S	S	S	S						
Cabbage, Late—Plants					P	P	P					
Carrot	S	S	S		S			S	S	S	S	S
Cauliflower—Seeds	S	S	S	S			S	S	S	S	S	S
Cauliflower—Plants		P	P	P	P			P	P	P	P	
Chervil			S	S	S							
Chives	P	P	P	P					P	P	P	P
Collards		S	S	S								
Chicory		S	S	S								
Corn, Sweet			S	S	S	S						
Corn Salad	S	S	S	S				S	S	S		
Cress	S	S	S	S	S	S	S	S	S	S	S	S
Cucumber			S	S	S	S						
Dandelion		S	S	S					S	S		
Egg Plant—Seeds			S	S	S	S						
Egg Plant—Plants				P	P	P	P					
Endive	S	S	S	S				S	S	S	S	S
Garlic—Sets	P	P	P	P				P	P	P	P	P
Horseradish—Sets	P	P	P	P							P	P
Kale	S	S	S				S	S	S	S	S	S
Kohlrabi	S	S	S					S	S	S		
Leek	S	S	S	S				S	S	S	S	S
Lettuce	S	S	S	S	S	S	S	S	S	S	S	S
Melons, Musk and Water			S	S	S	S						
Mustard	S	S	S	S	S	S	S	S	S	S	S	S
Okra			S	S	S	S						
Onion—Seed		S	S	S	S			S	S	S	S	
Onion—Sets	P	P	P	P						P	P	P
Parsley	S	S	S	S				S	S	S	S	S
Parsnip	S	S	S	S				S	S	S	S	
Peas	S	S	S	S	S	S	S	S	S	S	S	S
Pepper—Seeds			S	S	S	S						
Pepper—Plants				P	P	P	P					
Potato—Sets		P	P	P	P		P	P				
Potato, Sweet—Plants				P	P	P						
Pumpkin			S	S	S	S						
Radish	S	S	S	S	S	S	S	S	S	S	S	S
Rhubarb—Seed			S	S								
Rhubarb—Roots	P	P	P								P	P
Salsify		S	S	S	S							
Spinach	S	S	S	S	S	S	S	S	S	S	S	S
Tobacco		S	S	S								

VARIETY.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
Tomato—Seeds	S	S	S	S	S							
Tomato—Plants			P	P	P	P						
Turnip		S	S	S	S		S	S	S			
Turnip, Swede or Ruta Baga		S	S	S	S	S	S					
Herbs			S	S	S				S			
AGRICULTURAL SEEDS.												
Beet, Sugar		S	S	S	S					S	S	
Beet, Mangel Wurzel, for stock		S	S	S	S					S	S	
Clover, Scarlet Italian								S	S	S	S	
Clover, Other sorts		S	S	S					S	S		
Grass, Bermuda				S	S	S			S			
Grass, Others	S	S	S	S	S			S	S	S	S	S
Millet, German		S	S	S	S	S	S					
Sorgum and Sugar Cane			S	S	S	S	S					

A Few Simple Rules for Successful Seed Sowing and Vegetable Raising.

First. Choose the location for your garden on a sheltered, sunny slope if possible, and with thorough drainage.

Second. Do not attempt too much. Two acres well cultivated will produce more than five under slovenly cultivation.

Third. Fertilize liberally before plowing or harrowing.

Fourth. Cultivate deeply, viz.: from 15 to 20 inches.

Fifth. Sow in drills in preference to broadcast.

Sixth. Plow deeply and repeatedly and work the soil to as fine a tilth as possible before planting.

Seventh. Keep weeds down. The old adage, "One year's seeding makes seven year's weeding" is correct.

Eighth. Cultivate frequently. Good tillage always pays, and prevents the soil from baking.

Ninth. Attend strictly to *Rotation of Crops*. Do not let two tap-rooted crops, (as Carrots and Parsnips) follow each other, nor two exhaustive *Head Crops*, (as Cabbages and Cauliflower). Let the soil have time to recuperate its exhausted fertility. Follow Carrots, for instance, with a surface, shallow feeding crop, as Peas, or Vine crops, as Melons and Squashes.

Tenth. Water in drills, and copiously; slight sprinklings overhead do more harm than good.

Eleventh. Watch closely for insects. Hammond's "Slug Shot" is very valuable to dust over young plants, as it is only destructive to insects, and is innocuous to larger forms of animal life. It does not harm poultry, and acts on the plant as a fertilizer.

Twelfth. Buy your seeds only from a reliable seed house, whom you are sure test before sending them out, and supply only varieties true to name.



Vegetable Seeds.

NOTICE — In ordering seeds please notice that ounce prices will be charged for quantities less than one-quarter pound, and pound prices for less than ten-pound lots. All Vegetable Seeds, except where otherwise priced, can be supplied in packets at 5c each — 50c per dozen. We have affixed the names of the Vegetable Seeds in three languages, the first Spanish; second, German; third French. The English name is of course given in the heading.

ARTICHOKE.

Alcachofa — Artichoke — Artichaut.



Large Green Globe.

Drop the seeds early in the spring, one inch deep, and three or four inches apart, in drills one foot apart. Hoe often and transplant in the following fall to hills four feet apart.

Large Green Globe.—The largest and best (see cut). Oz. 30c, lb. \$3.50.

ASPARAGUS.

Esparrago — Spargel — Asperge.

Sow in rows a foot apart. Keep carefully hoed and clear from weeds, and the plants will be in condition to set out when one year old.



Conover's Colossal.

The soil for the permanent bed should be thoroughly manured and trenched to a depth of at least two feet. Plant in rows three feet apart, and one foot between the plants in the rows; spread the roots well out, and let the crown of the plant be covered about six or eight inches when established. Previous to sowing the seed, soak in tepid water for twenty-four hours.

Columbian Mammoth White, very large, tender and sweet. Per oz. 10c, per lb. 75c.

Conover's Colossal, unexcelled in quality and productiveness, (see cut). Per oz. 10c, per lb. 40c.

Palmetto, an excellent variety, very large. Per oz. 10c, per lb. 75c.

BEANS.

All beans ordered by mail will be charged 10c per pound additional for postage.

In 10-lb lots and over, 30% off catalogue prices; 100-lb prices on application.

ENGLISH.

Haba — Puff bohne — Fève de Marais.

Drop early in spring, three inches apart, in drills two or three feet apart. When in full bloom nip an inch or two off of each stem.

Early Long Pod, good and productive. Per lb. 10c.

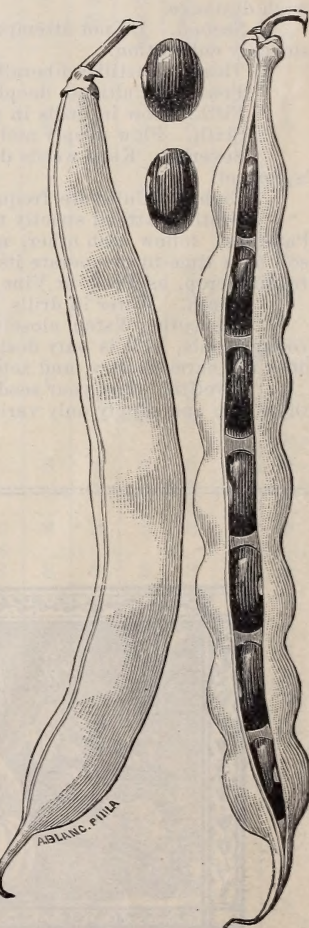
Broad Windsor, largest and best. Per lb. 10c.

DWARF OR BUSH.

Frijoles — Bohne — Haricots Nains.

Plant in light, rich soil, two inches deep, in drills two feet apart. It is better to defer planting until the weather has become warm and settled.

Burpee's Bush Lima, splendid Dwarf Lima, large size. Per lb. 10c



Dwarf Black Wax.

Canadian Wonder. (See cut). Without exception the most productive dwarf bean yet introduced. Per lb. 15c.

Dwarf Black Wax, pods transparent and yellow; a superior variety, (see cut on opposite page). Per lb. 15c.

Dwarf Golden Wax, an early stringless Bean; pod of golden wax color. Per lb. 15c.

Early Valentine, productive, tender and of excellent flavor. Per lb. 10c

French Kidney, a good shipping variety; early, and the best for winter crop. Per lb. 10c.



Canadian Wonder.

Long Yellow Six Weeks, tender and succulent; a much esteemed variety. Per lb. 10c.

POLE OR RUNNING.

Frijol de Bejuco — Stangenbohne — Haricots a Rames.

These varieties require a rich soil. Plant in well manured hills, three feet apart each way, covering to a depth of two inches. In each hill set a pole eight or ten feet long, around which plant five or six beans, and afterwards thin out, leaving four strong, healthy plants to each hill.

Asparagus, or Snake, produces pods twelve to eighteen inches long, thin and very tender. Per oz. 10c.; per lb. 25c.

Boston Market Pole Cranberry, a favorite sort with market men. Per lb. 15c.

Cut Short. It is the finest cornfield bean grown; takes to the corn as no other bean will. Per lb. 15c

German Black Wax, excellent variety, [either for snaps or shelled; tender, rich colored pods. Per lb. 15c.

Kentucky Wonder, or Old Homestead, a very vigorous grower, and enormously productive. Per lb. 15c.

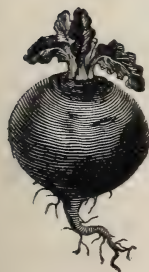
Large Lima, unsurpassed in quality as a pole bean. Per lb, 10c.

Lazy Wife's, very productive; a fine snap bean. Per lb. 15c.

Scarlet Runner, height six feet; cultivated for the beauty of its flowers, also a useful vegetable. Per lb. 15c.

BEETS.

Remolacha — Rothe Ruben — Betterave.



Dewey's Early.

Select a deep, rich, sandy loam, and manure with well decomposed compost. Sow in drills 14 to 16 inches apart, and cover one inch deep. When the young plants appear, thin to four or five inches apart. One ounce of seed will sow about fifty feet of row.

	Per oz.	Per lb.
Dewey's Early Turnip, an excellent variety for summer and winter use; roots good red (see cut).....	10c	50c
Eclipse Blood Turnip, an early variety of excellent quality.....	10c	50c
Edmund's Blood Turnip, very desirable for market gardeners.....	10c	50c
Egyptian Dark Red Turnip, very early; roots deep red, tender and delicious.....	10c	50

	Per oz.	Per lb.
Germain's Long Blood. A splendid variety of fine flavor, and being of long symmetrical shape, is more easily sliced than the round varieties.....	10c	50c
Swiss Chard, or Silver. This variety is cultivated for its leaf-stalks, which are served up much like Asparagus, and for its leaves, cooked as Spinach. Cut often, new and more tender stalks will be produced.....	10c	80c

For best varieties of Sugar Beet and Mangrel Wurzel for feeding stock, see Agricultural Seeds.

BROCCOLI.

Broculi — Spargelkohl — Broccoli.

Closely allied to the Cauliflower, but hardier, and requires the same cultivation.

	Per pkt.	Per oz.	Per lb.
Early Purple Cape , very hardy; heads solid and compact; color greenish purple	10c	30c	\$3.00
White Cape , later than Early Purple Cape; heads a rich creamy color.....	10c	30c	3.00

BRUSSELS SPROUTS.

Berza de Bruselas — Rosenkohl — Chou de Bruxelles.

This plant produces from the sides of the stalks numerous little Sprouts resembling Cabbages, one or two inches in diameter. They are very tender and sweet. Sow in seed-beds, transplant and cultivate like cabbage.

Dwarf Improved, (see cut), very fine; heads of good quality. Per oz. 15c, per lb. \$1.50.



Dwarf Improved.

CABBAGE.

Repollo — Kopfkohl — Chou Pomme.

Commence to sow the seeds of the early varieties in August, and each month following until spring for succession. Transplant as soon as large enough, to fresh, rich soil, in rows two feet apart and eighteen inches in the rows. For late use sow the Drumhead sorts in spring, and transplant to well manured ground three feet each way. In planting Cabbage or Cauliflower, care should be observed that the stem is set under the ground as far as the first leaf. The ground should be well worked, to produce good heads, and hoed as many as three times during the season, drawing the earth slightly about the stems. One ounce will produce 2,000 plants.

EARLIEST VARIETIES.

	Per oz.	Per lb.
Early Dwarf Ulm Savoy , one of the earliest; unsurpassed in quality; capital for family use.....	15c	\$1.50
Early York , one of the earliest; an old favorite variety.....	15c	1.50
Early Jersey Wakefield ; this cabbage is grown extensively by the leading market gardeners in the vicinity of New York and Boston	15c	1.50
Early Blood, or Dark Red Erfurt , early, heads round and solid, fine color and excellent quality	20c	2.00

SECOND EARLY VARIETIES

All Seasons , similar in form to Stone Mason; solid, compact; claimed to be as early and larger than the Henderson's Summer.....	15c	1.50
Early Winningstadt , one of the best for general use; heads large, solid and keep well. Heads uniformly in the hottest weather; a standard variety, (see cut)	15c	1.50



Early Winningstad



Large Late Drumhead.

Fottler's Early Drumhead, or Brunswick, this variety produces fine large heads.....

Per oz. Per lb.

15c 1.50

Henderson's Early Summer, this is the earliest of the Drumhead varieties; heads large, solid and keeps well.....

15c 1.50



Drumhead Savoy.

Per oz. Per lb.

30c 3.00

Large York, larger than the Early York, and a little later..... 15c 1.50

Succession, a valuable variety, heading surely at any season..... 15c 1.50

LATE VARIETIES.

Drumhead Savoy, cross between Savoy and Drumhead; large solid heads (see cut) 15c 1.50

Large Late Drumhead, (see cut), a well known variety, with large, round, compact heads..... 15c 1.50

Premium Flat Dutch, large and excellent for winter; of superior quality..... 15c 1.50

Stone Mason Drumhead, an excellent sure heading variety; solid..... 15c 1.50

Red Dutch, used for pickling; medium size, very solid, color deep red..... 20c 2.00

CARROT.

Zanahoria — Mohre — Carotte.

Of root crops the Carrot ranks among the first in value and importance. The soil best adapted to it, and root crops in general, is a light loam, which should be richly manured, deeply ploughed, and pulverized. Sow in rows fifteen inches apart, and thin the plants five or six inches in the rows. One ounce of seed will sow about 150 feet of row. Three pounds to the acre.

VARIETIES FOR TABLE USE.

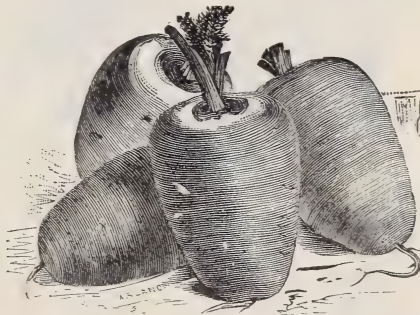
(For field Carrots for feeding stock, see Agricultural Seeds.)



Half Long Danver's.



French Forcing Horn.



Ox-Heart, or Guerande.

Altringham, large and finely flavored; color bright orange red Per oz. Per lb.
10c 60c

Danver's Half Long, a splendid cross between the Stump-rooted Short Horn and Long Orange. It is a first-class Carrot for any soil; rich, dark orange in color, (see cut) 10c 60c

Early Scarlet Horn, the most desirable for forcing..... 10c 75c

Early French Forcing Horn, small, best for table; generally used for forcing (see cut) 10c 75c

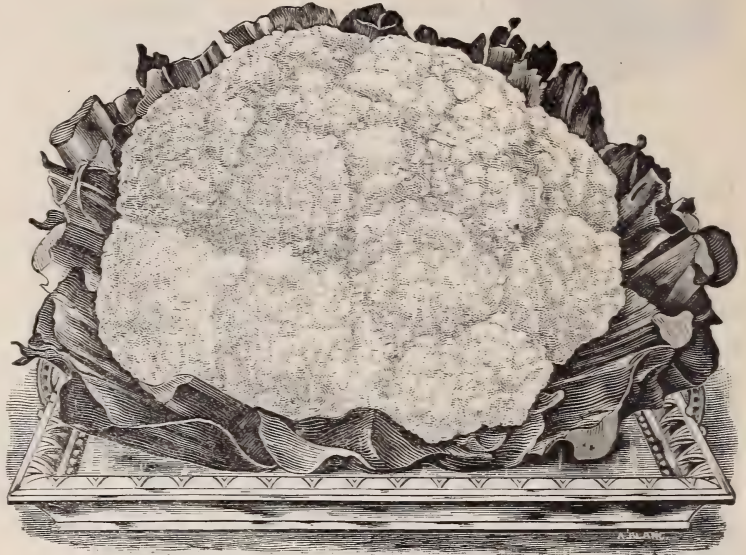
Improved Long Orange, extra clean, rich color, for general crop, good for stock 10c 50c

Ox-Heart, or Guerande, a very choice strain of the stump-rooted variety (see cut) 10c 60c

CAULIFLOWER.

Coliflor — Blumenkohl — Choufleur.

This is one of the greatest luxuries which the garden affords. It requires care and a favorable season for successful cultivation. For early use, sow from July to September and transplant in rows two and a half feet apart, and two feet between the plants. For late crop transplant and pursue the same course as with Cabbage. One ounce of seed will produce 2,000 plants.



Henderson's Early Snowball.



Autumn Giant.

Per Pkt. Per oz.

Autumn Giant , a very large, vigorous late variety, succeeding well in this section, (see cut).....	10c	\$1.50
Early Dwarf Erfurt , (see cut) a good compact heading variety, of fine quality, per lb. \$20.....	20c	2.00
Extra Early Paris , a standard early variety; good for forcing. Per lb. \$7.....	10	75c
Henderson's Early Snowball , a variety held in great estimation		

by market gardeners for its earliness and reliability as a sure header, (see cut)..... 20c 3.50

Large Algiers, (see cut) an extra fine variety for late sowing. Per lb. \$10..... 10c 1.00



Large Algiers.



Early Dwarf Erfurt.



Lenormands Short-Stemmed Mammoth.

Per pkt. Per oz.

Lenormand's Short-Stemmed Mammoth, (see cut) very fine, large heads, white and compact: one of the very best for late cultivation, per lb. \$8..... 10c 75c

CELERY.

Apio — Sellerie — Celeri.

Sow seed in frame or open ground. Transplant four inches apart, when three inches high, in rich soil finely pulverized; water and protect until well rooted, then transplant into rows five or six feet apart, either on surface or in well manured trenches a foot in depth, half filled with well-rotted manure. Set the plants from eight to twelve inches apart. To blanch, draw earth around the plants from time to time, taking care not to cover the tops of the center-shoots. One ounce of seed will produce 5,000 plants.

The Celeriac or Turnip-rooted may be planted either on level ground or in shallow drills, and cultivated in a manner similar to Celery. The roots are used as a salad.

Per oz. Per lb.

Boston Market, one of the best of the white varieties; early and hardy 15c \$1.50

Carter's Dwarf Crimson, fine dark crimson color; stalks sweet and crisp; a first class variety..... 15c 1.50

Celeriac, or Turnip-Rooted, forming turnip-shaped bulbs of Celery flavor, (see cut)..... 20c 2.00



Celeriac.

Golden Self-Blanching, similar to the White Plume in its self-blanching characteristics, but of a deep golden yellow color; (see cut) 30c \$3.00

Large White Solid, the most popular of the large varieties..... 15c 1.50

Sandringham Dwarf White. A superior variety, solid, crisp and of excellent flavor 15c 1.50

White Plume. The stalks and portions of the inner leaves and heart are naturally white, so that by closing the stalks, either by tying them together or by pressing the soil up against the plant with the hand, the work of blanching is completed. Its eating qualities are equal to the very best of the older sorts, being crisp, solid, and of a nutty flavor, while its white feather-like foliage places it ahead of all others as a table ornament 20c 2.00



Golden Self-Blanching.

CHERVIL.

Perifollo — Kerbel — Cerfueil.

Cultivate and use like Parsley.

Curled 10c \$1.00

Per oz. Per lb.

CHICORY.

Achicoria — Cichorie — Chicoree.

Much used as a salad by the French. Sow in spring in good rich soil.

Common or Wild, used as *Barbe de Capucin*, a salad much used in France. Sown in spring, the roots are transplanted in autumn into sand in a cellar. The shoots which will come up soon, form the *Barbe de Capucin*..... 10c 1.00

Large Rooted, or Coffee, (see cut), much used in Europe as a substitute for coffee..... 10c 90c

Witloof. Has very broad leaves, with large ribs or stalks which is its chief merit. When blanched this forms the vegetable which the Belgians call Witloof. In appearance it much resembles a blanched head of Cos Lettuce 10c \$1.00



Large Rooted.

COLLARDS OR COLEWORT.

Cabu — Blatter kohl — Chou-Cabu.

A species of Cabbage which is eaten when young, and used quite extensively as greens. Treat as Cabbage.

True Georgia. Per oz. 15c; per lb. \$1.50.

CORN—SWEET.

Maiz — Welschkorn — Mais.

Plant the smaller varieties in drills three feet apart and ten inches apart in the rows; or in hills three feet apart each way and three or four grains in a hill. The taller varieties on rich soil should be given a space of four and one-half feet between the drills and one foot between the stalks, use some rich manure in the drills. (If ordered by mail ten cents per pound will be charged additional for postage.)

In 10-lb lots and over 30% off catalogue prices; 100-lb prices on application.



Stowell's Evergreen.



Early Minnesota.



Early Mammoth.

	Per lb.
Black Mexican , the sweetest, richest and tenderest of all sweet corn; second early.....	10c
Country Gentleman , very productive, ears very handsome, from eight to nine inches in length and very attractive for the table. The kernels are pearly white, deep and on a very small cob, and unsurpassed for quality and delicious flavor.....	10c
Early Minnesota Sweet , one of the earliest, with the ears of suitable size for market purposes, (see cut).....	10c
Early Mammoth , (see cut). This variety produces the largest ears of any variety of early sweet corn.....	10c
Hickox Improved Sugar . Ears large, very white, handsome and of rich flavor.....	10c
Stowell's Evergreen , a late variety, remaining green longer than any other kind, (see cut)	10c

CORN SALAD.

Macha o' Valerianilla — Lammer-Salat — Mache.

Commonly called Lamb's Lettuce. For a summer supply, sow early, in shallow drills one foot apart; and for early spring use, sow about the first of September.

Large Seeded, round leaved. Per oz. 10c; per lb. \$1.00.

CRESS OR PEPPERGRASS.

Berro o Mastuerzo — Kresse — Cresson.

Sow the seed thickly at frequent intervals for a succession, covering lightly. A cool moist soil and shady location is the best for summer sowings.

Extra Curled, very fine; excellent for salads. Per oz. 10c; per lb. 50c.

CRESS (WATER.)

Berro — Brunnenkresse — Cresson de fontaine.

The plant is cultivated by sowing the seeds by the side of running water or near springs.

Water Cress. The leaves are universally used and eaten as an early and wholesome salad in spring. Per pkt. 10c; per oz. 40c; per lb. \$4.00.

CUCUMBER.

Pepino — Gurke — Concombre.

Plant the seed as soon as the weather becomes settled and warm, in hills four feet apart, using a shovelful of warm, well-rotted manure to each hill. Cover the manure two inches deep with fine earth, and plant eight or ten seeds in each hill. The seeds should be covered about one-half inch deep with well pulverized soil and firmly pressed down with the back of the hoe. Hoe often, and when out of danger from insects thin to four plants in each hill. Cucumber, as well as Melon and Squash seeds, are considered best when two or three years old; they run less to vines, and bear earlier and more abundantly. One ounce will plant about 100 hills.



Long Green.



White Spine.

Boston Pickling, medium size; a very productive kind, of superior quality..

Climbing Delicatessen. A distinct variety, climbing up stakes and trellises 8 feet in height, producing cucumbers 8 to 10 inches in length, of a very fine flavor

Early Cluster, very productive, grows in clusters, short and prickly.....

Early Frame, a very popular variety, short and prolific.....

Early Russian, the earliest, grows about four inches long.....

Giant Pera, large, often 18 inches in length, excellent quality, and fit to eat at all stages of growth

Long Green, an old standard sort; makes hard, brittle pickles, (see cut)

Per pkt.	Per oz.	Per lb.
	10c	60c

10c	25c	
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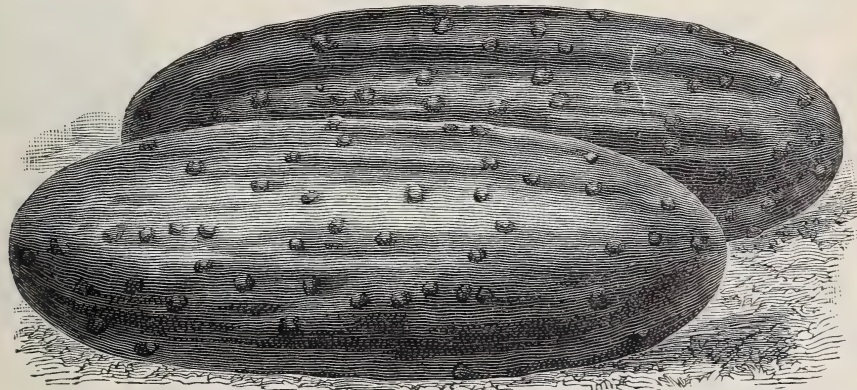
	10c	60c
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	10c	60c
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	10c	60c
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	10c	70c
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	10c	60c
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New Siberian.

New Siberian. (See cut). The earliest cucumber known, having produced fruit five inches long within fifty-five days from the time of sowing the seed in the open ground. Of medium size, a splendid free bearer, fruits straight, smooth, tender and crisp.....

Nichol's Medium Green, of recent introduction; one of the best for general use.....

White Apple-Shaped. A variety introduced by us two years ago from Australia. Fruit round, and of better flavor than any other variety. It is claimed by the Australians that this is the most wholesome of all cucumbers, persons who dare not eat any other variety being able to eat this one with safety.....

White Spine, excellent for table or pickling, a great bearer, (see cut).....

West India Gherkin, oval shaped, prickly, for pickling only.....

	10c	60c
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	10c	60c
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10c		
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	10c	60c
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	10c	\$1.00
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DANDELION.

Amargon — Kuhblume — Pissenlit.

This vegetable has become very popular as an early healthful green, and the roots also are used when dried as a substitute for coffee.

Dandelion, common variety, per pkt. 10c; per oz. 30c. Improved, large leaved, per pkt. 10c, per oz. 60c.



New York Improved.

This vegetable is highly esteemed as a salad. Sow small quantities at different times to insure a plentiful supply, as these crops soon run to seed. One ounce of seed will produce about 3,000 plants.

Broad-leaved Batavian, leaves broad; nearly plain; light green; best for soups Per oz. Per lb. 15c \$1.50

French Moss Curled Green, moss like appearance, beautifully curled Per oz. Per lb. 15c 1.50

London Green Curled, the common and best known kind, crisp and tender, (see cut)..... Per oz. Per lb. 15c \$1.50

Large Curled, or Ruffle Leaved, a variety largely grown by the French for salad..... Per oz. Per lb. 15c 1.50



London Green Curled.

Per oz. Per lb.

Per oz. Per lb.

GARLIC.

Ajo — Knoblauch — Ail.

Garlic Sets, per lb 10c; by mail, 10c per lb extra; 100 lbs Market Price.



Green Curled Scotch.

KALE OR BORECOLE.

Col — Blatterkohl — Chou Vert.

Sow the seeds in beds, covering lightly. Transplant into rich mellow ground, and cultivate the same as Cabbage. One ounce of seeds will produce about 2,000 plants.

Per oz. Per lb.

Dwarf Curled or German Greens, cultivate the same as Spinach..... 10c \$1.00



Early White Vienna Kohl Rabi.

Per oz. Per lb

Green Curdle Scotch, the kind most used, grows eighteen inches high, (see cut).. 10c \$1.00

KOHL RABI.

Colinabo — Kohlrabi — Chou-rave.

Sow in rows two feet apart; thin the plants to one foot apart. One ounce of seed will produce about 2,000 plants.

	Per oz.	Per lb.
Early White Vienna , (see cut) flesh white and tender, very productive	15c	\$1.50
Early Purple Vienna , very hardy, flesh of bluish purple color.....	15c	1.50

LEEK.

Puerro — Lauch — Poireau.



London Flag.

Sow in drills one foot apart, and one inch deep, in light, rich soil, liberally manured; thin the plants to ten inches. One ounce of seed will sow about 100 feet of drill.

	Per oz.	Per lb.
London Flag , a large and strong plant; hardy (see cut)	15c	\$1.50
Large Musselburgh , a standard old Scotch variety.....	15c	1.50
Monstrous Carentan , a superior variety, with distinct and dark colored leaves	20c	2.00

LETTUCE.

Lechuga — Salat — Laitue.

Select rich, moist soil, and prepare beds or draw drills; thin or transplant when an inch or two high, to one foot apart for heading; hoe frequently to prevent them from going to seed. One ounce of seed will produce about 5,000 plants.

	Per oz.	Per lb.
All the Year Round , heads compact and crisp, may be sown for succession all the year round	10c	80c
Black Seeded Simpson , leaves almost white; stands the heat well; size nearly double that of the Curled Simpson; prized by all who have cultivated it; our seed is from pure stock.....	10c	80c



Paris White Cos.



Denver Market Lettuce.

	Per oz.	Per lb.
Boston Market (White Seeded Tennis Ball) , white and crisp; the best and earliest for forcing, making small, compact heads.....	10c	80c
Denver Market , an early head lettuce of great merit; very crisp, tender and of excellent flavor, (see cut)	10c	80c
Early Curled Simpson, White Seeded , rather loose heads; leaves large, light and curly.....	10c	80c
Hanson , heads very large, tender, crisp; green outside, white within; stands the heat well	10c	80c
Large Drumhead, or Malta , good summer variety; heads large, good flavor.....	10c	80c

	Per oz.	Per lb.
New York Head , the best lettuce for summer; its size is immense, heads not unfrequently weighing four pounds each. The outer leaves are dark, the heads blanch white, and are crisp, tender and of excellent flavor.....	10c	80c
Paris White Cos , heads upright, tender and crisp; should be tied up to blanch ten days before cutting, excellent quality, (see cut)	10c	\$1.00
Prize Head , heads of large size; remains tender and crisp throughout the season; very hardy	10c	80c
Salamander , one of the best summer varieties, forming good-sized, compact heads; color light green outside, and white on inside	10c	80c
Tennis Ball, Black Seeded , one of the earliest heading varieties.....	10c	80c
Trianon Self-Folding Cos , an excellent variety, the leaves fold in of themselves and bleach quickly; large, crisp, tender and of fine flavor. Resists warm weather and is probably the best Cos Lettuce yet introduced.....	20c	2.00
White Summer Cabbage , heads well formed and good size; excellent for summer	10c	80c

MELON—MUSK.

Melon Almizelena — Cantalupen — Muscade.

Select light, warm soil. Plant in hills six feet apart each way, six or eight seeds to a hill; thin out to three or four plants when in a forward state. The hills should be prepared by digging out the soil a foot and a half deep, thoroughly mixing in each hill a couple of shovelfuls of well decomposed stable manure, filling up a little above the level. The planting should be deferred until warm, settled weather. One ounce of seed will plant about 100 hills.



Montreal Nutmeg.



Large Hackensack.

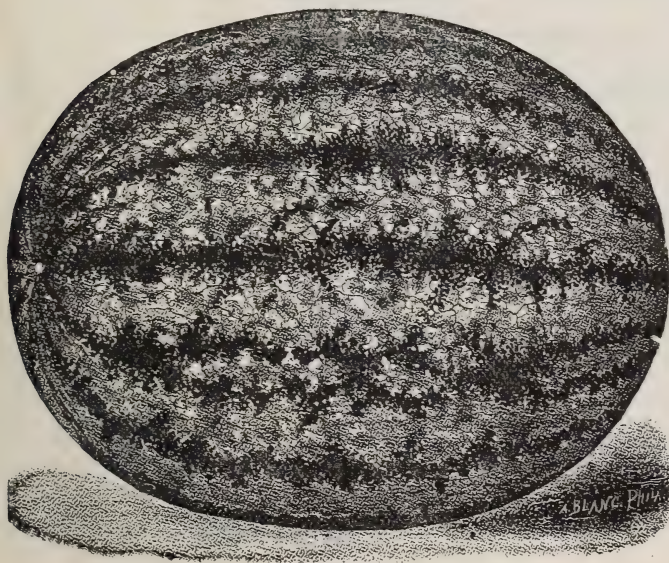
	Per oz.	Per lb.
Banana Citron , creamy white outside, flesh salmon color, possessing both the flavor and fragrance of the Banana.....	10c	\$1.00
Cassaba , oblong and very large; fine flavor, yellowish green flesh and netted skin.....	10c	60c
Emerald Gem , small, extra early; smooth, dark green skin and orange flesh, very sweet.....	10c	60c
Extra Early Hackensack , ripens ten days earlier than the Large Hackensack.....	10c	60c
Large Hackensack , large; very prolific; rich in flavor; thick juicy flesh, (see cut)	10c	60c
Large Yellow Cantaloupe , good size; flesh reddish orange, sweet and of good flavor.....	10c	60c
Montreal Nutmeg , grows to an immense size; deep ribbed; flattened at both ends, very thick flesh, rich in flavor, (see cut)	10c	60c
Osage , the most fragrant and delicious Musk Melon grown	10c	60c
Prolific Nutmeg , a very good, hardy, and prolific variety; fruit medium size, roundish, netted; flesh thick, green, and of very excellent flavor	10c	60c
Skillman's Fine Netted , flesh deep green, of delicious flavor; early.....	10c	60c

MELON—WATER.

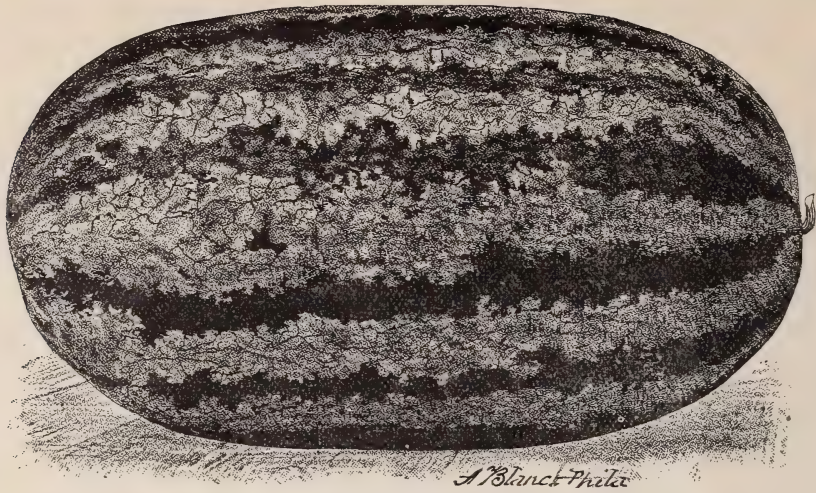
Sandia — Wassermelone — Melon d' Eau.

As soon as the weather becomes settled and warm, select soil and manure as recommended for Musk Melons. Plant in hills six or eight feet apart, six to ten seeds, one inch deep, and thin to three best plants. Hoe often, and gradually hill up until the vines touch, and after the flowers appear, pinch off the extreme end of the most luxuriant shoots.

	Per oz.	Per lb
Black Spanish , medium size, round, black-seeded, red flesh, thin rind, small vine; will admit of closer planting than other varieties; a fine melon, of the best quality....	10c	50c
Citron, for Preserves , (red-seeded), the standard variety for preserves, good also for feeding cattle.....	10c	50c
Colorado Pie Melon , (Melon Pumpkin), good for feeding cattle or for pies; flesh very firm and solid, with a small proportion of seeds.....	10c	50c
Cuban Queen , beautifully marked, light and dark green; solid, crisp, bright red flesh; grows to an immense size	10c	50c
Dark Icing, or Ice Rind , round, solid, thin rind, very delicious in flavor; not desirable for shipping, owing to its thinness of rind	10c	50c
Dixie . This Watermelon possesses the rich, luscious flavor of the old Mountain Sweet, united with the excellent shipping quality of the Kolb's Gem. It is longer than the latter variety, flesh is of an intense deep scarlet, very sweet, tender and juicy. It is very prolific, with the valuable characteristic of rooting at almost every joint, thereby increasing the duration of the vines....	10c	50c
Florida Favorite , a superior strain; improvement on Rattlesnake; earlier.....	10c	50c
Georgia Rattlesnake or Gypsy , standard Southern variety, possessing remarkable shipping qualities; oblong, scarlet flesh, crisp and juicy	10c	50c
Green and Gold , this variety is of a golden yellow color, it possesses all the excellent qualities of the older varieties.....	10c	50c
Hungarian Honey , very early, perfectly round, flesh brilliant red	10c	60c
Kentucky Wonder , very highly recommended, enormously productive	10c	50c
Kolb's Gem , flesh bright crimson, solid, sweet and luscious, increasing in popularity every year, (see cut).....	10c	50c
Lodi , a large, solid, cream-colored melon, with red flesh, of a rich delicious flavor, with only half an inch of rind; white-seeded; great favorite in the San Francisco market....	10c	50c
Long Light Icing , a very excellent melon for general purposes; fine quality.....	10c	50c
Mammoth Iron Clad , a variety that all large growers of melons for shipping should give a trial, (see cut)	10c	50c
Mountain Sweet , a large, long melon; flesh red, firm and sweet, solid to the center; a well-known standard variety.....	10c	50c



Kolb's Gem.



Mammoth Iron Clad.

	Per oz.	Per lb.
New Orange, the rind will peel like an orange when fully ripe.....	10c	50c
Peerless, or White-Seeded Ice Cream, nearly round, pale green, thin rind, scarlet flesh	10c	50c
Phinney's Early, the earliest of all varieties; medium size, oval, quick growing variety; thin rind, red flesh.....	10c	50c
Seminole, extra early, extra large, enormously productive and of delicious flavor.....	10c	50c
Sweetheart, large oval; mottled light and dark green, flesh bright red.....	10c	60c
The Volga, this variety came originally from Russia, and is one of the finest flavored melons; it is a perfect globe in shape, of small size, the weight rarely exceeding fifteen pounds; flesh, bright crimson, in crispness and delicacy of flavor is unsurpassed	10c	50c

MUSHROOM SPAWN.—(See cut.)

Blanc de Champignon — Seta — Champignonbrut.

Ask for special circular regarding cultivation.

English Spawn.—1-lb Bricks, each, 15c; doz. \$1.50.

French Spawn.—In 2-lb Boxes, including book of cultural directions, each, \$1.00; 4-lb Boxes, \$2.00. When ordering by mail, add ten cents per pound to cover postage.



Mushroom.

MUSTARD.

Mostaza — Senf — Moutarde.

Used as a salad early in Spring, sometimes with Lettuce and Cress. Plant like Cress.

	Per oz.	Per lb.
Brown or Black, more pungent than white.....		10c
New Chinese, leaves very large, fourteen to sixteen inches in length, which are cooked like Spinach, and have a very agreeable flavor. One of the best green foods for poultry	10c	60c
White London, best for salads or medicinal purposes.....		10c

(When ordering by mail, add 10c per lb to cover postage.)



Early Dwarf.

OKRA.

Quimbombo — Essbarer — Gombo.

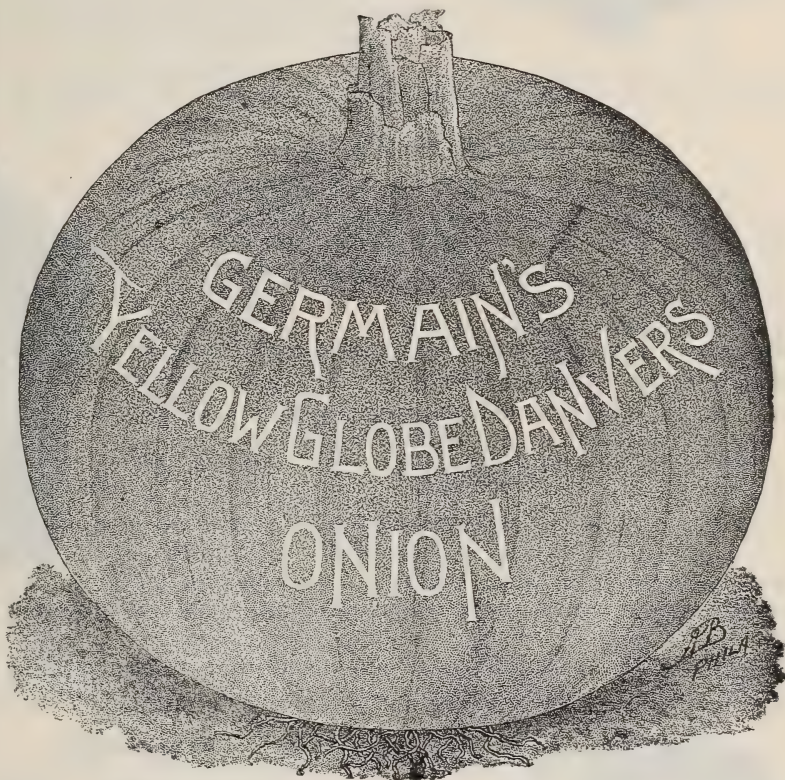
This vegetable produces long nutritious pods, which, when young, are used in soups and stews, to which they impart a rich flavor. Sow after the ground has become warm, in drills two inches deep and two and a half feet apart; thin out the plants to nine inches in the row; hoe often and draw the earth up to the stems. One ounce of seed will sow fifty feet of row.

	Per oz.	Per lb.
Early Dwarf , productive; pods white, round, smooth, (see cut)	10c	75c
Long Green , later and more productive; long ribbed pods	10c	75c
New White Velvet , pods round, smooth, free from seams	10c	\$1.00

ONION.

Cebolla—Zwiebel—Ognon.

Select fine, light soil, and manure heavily with the oldest and strongest compost that can be procured. Plow a depth of five inches, and work well with the cultivator. Plow again at right angles with the first furrows, and again thoroughly cultivate. The ground will then be in fine working order, and should be leveled smoothly with a rake. Drill fourteen inches apart, sowing the seed thinly, cover a quarter of an inch deep with fine soil, and press down with the back of a spade or light roller. When the young plants are strong enough, thin gradually, so that they stand finally four inches apart. One ounce of seed will sow about 100 feet of drill. Four pounds to the acre.



White Portugal.

	Per oz.	Per lb.
El Paso, or Large Mexican , large size, mild and tender, (see cut)	20c	\$2.00
Extra Early Red , a flat variety, heavy, close grained, keeps well	15c	1.50
Extra Early Pearl, or Barletta , new Italian variety; pure white skinned, mild flavor	20c	2.00
Germain's Yellow Globe Danvers , a thick, heavy, straw-colored Onion, mild flavored and yields abundantly; ripens early and keeps equal to the best, (see cut)	15c	1.25

	Per oz.	Per lb.
Giant White Tripoli , a mild flavored flat Onion of quick growth; very large size	20c	\$2.00
Large Red Wethersfield , grows very large; keeps well, and is pleasant flavored	15c	1.50
		
Marzagole, or Neapolitan , an extra early Silver Skinned variety of great merit.....	25c	2.50
New Queen , a small white Onion of quick growth and good keeping qualities; good for pickling.....	20c	2.00
Silver Skin Pickling , a small French variety, used extensively in Europe for pickling, its white color, in contrast with the fine green veins or lines, gives it a very agreeable appearance.....	20c	2.00
Spanish King, or Mammoth Prize-Taker , largest Onion known; will grow to full size in California; of a straw color.....	15c	1.50
White Portugal, or Silver Skin , flavor mild, fair size, best white variety, (see cut)	20c	2.00

ONION SETS.

Bottom Onions, or Onion Sets, are produced by sowing the seed thickly late in the spring, in beds or drills, and about the end of August, or whenever the tops die down, the little bulbs or sets are gathered and kept spread thinly in a dry airy loft, and re-set in the spring, to make large Onions.

Yellow Bottom Sets , (see cut).....	Per lb. 20c
White Bottom Sets	" 20c
Red Bottom Sets	" 20c

If ordered by mail ten cents per pound will be charged additional for postage. Price per 100 lbs. on application.

PARSLEY.

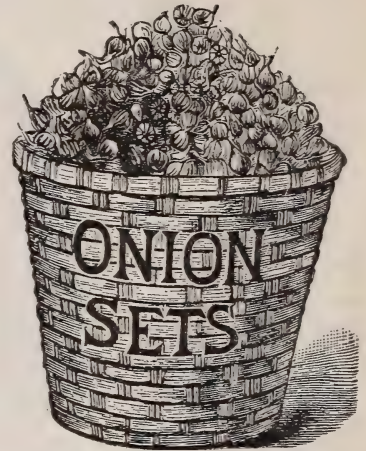
Perijil — Petersilie — Persil.

Parsley succeeds best in rich, moist soil. Sow thickly in drills one foot apart and half an inch deep. The seed germinates slowly, and frequently lays in the ground two or three weeks without showing any signs of vegetation. One ounce of seed will sow about fifty feet of row.

	Per oz.	Per lb.
Champion Moss-Curled , (see cut) beautifully curled; finest variety for garnishing	10c	75c
Hamburg, or Turnip-Rooted , the roots are excellent for flavoring soups.....	10c	\$1.00



Champion Moss-Curled.



PARSNIP.

Chirivia — Pastinake — Panais.

A deep, richly manured soil, susceptible to moisture, should be selected for Parsnips. This vegetable requires a long season to mature, and the seed should therefore be sown early. Drills half an inch deep and fifteen inches apart should be marked out; drop the seed in thickly, for where the seeds are few they are apt to perish in the ground, not having sufficient strength to open the pores of the earth. One ounce of seed will sow about fifty feet of row.

	Per oz.	Per lb.
Hollow Crowned , best Parsnip grown either for table or stock, (see cut).....	10c	50c
Round, or Turnip-Rooted , for shallow soil, (see cut)	10c	75c

PEAS.

Chicharos o Guisantes — Erbsen — Pois.

The Pea is one of our most important crops, and to be successfully grown must be liberally treated. A deep, rich soil, well pulverized, and incorporated with a fair allowance of well decayed manure, should be chosen for the principal crops. For early Peas the ground does not require to be so rich. Sowing of the first early variety should be made in October, and the other varieties for successive crops, plant every two weeks until April 1.



Hollow Crowned.



Round.

Peas are sown in single or double rows, from two to six feet apart, according to the variety or the height to which they attain. Have the rows of the dwarf varieties two feet apart, and those of the medium sorts from three to four feet, and the tall varieties from five to six feet apart. The dwarf varieties may be grown without sticks. Two pounds will sow 100 feet of row.

If ordered by mail, will be charged 10c per pound additional, for postage.

In 10-lb lots and over, 30% off Catalogue prices. 100-lb prices on application.

FIRST EARLY VARIETIES.

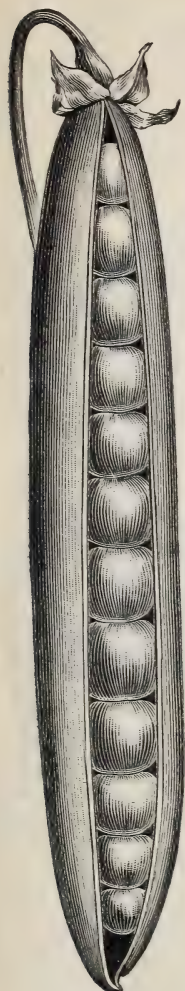
	Per lb.
American Wonder , earliest dwarf wrinkled Pea in cultivation; quality unexcelled, 1 foot	15c
Cleveland's Alaska , the earliest Pea known; excellent for market gardener's use, 3 feet.....	15c
McLean's Little Gem , green wrinkled, early marrow, delicious flavor, 15 inches	15c
Premium Gem , splendid wrinkled variety, very early, fine flavor, 18 in.	15c

SECOND EARLY VARIETIES.

Dwarf Sugar , (edible pods), pods beautifully crimped, very sweet, delicious flavor, use same as snap beans	15c
McLean's Advancer , green wrinkled variety, fine flavor, very productive, 2½ feet	10c
Stratagem , the most elegant and showy pea in cultivation, 2 - 2½ feet....	10c
Yorkshire Hero , Los Angeles market favorite, 2½-3 feet, sure cropper	10c

GENERAL CROP.

Black-eyed Marrowfat , excellent for general crop, favorite market sort, 4 feet.....	10c
Champion of England , green wrinkled, great favorite, unsurpassed in quality and productiveness, 4-4½ feet	15c
Everbearing , remarkably prolific; pods very fine and closely filled; peas soft, juicy and of excellent flavor; 3 feet.....	10c
Telephone , handsome, well filled pods, peas large size, good quality; 4 to 5 feet, (see cut)	15c



Telephone.

PEPPER.

Pimiento — Pfeffer — Piment.

Sow early in the spring in a frame. Transplant when the weather is favorable to open ground, in rows eighteen inches apart and ten inches in the row. The ground should be highly manured before transplanting. When about six inches high, hoe the plants and earth up slightly.



Long Red Cayenne.



Large Bell or Bull Nose.



Ruby King.

	Per oz.	Per lb.
Cayenne , pods small, long and tapering; coral red when ripe; very hot and strong; best kind for seasoning pickles; the Cayenne Pepper of commerce, (see cut)	25c	\$2.50
Celestial , a marvel from China, both useful and ornamental. Per pkt. 10c.....	50c	
Cherry , small, round, smooth and productive; a good variety.....	25c	2.50

	Per oz.	Per lb.
Chili, Small, or Bird's Eye , pods pendant, sharply conical, about 1½ inches in length; very piquant; excellent for pickles.....	30c	\$3.00
Large Bell, or Bull Nose , early, sweet, and of good flavor, (see cut).....	25c	2.50
Large Sweet Mountain , very large, and excellent for mangoes	25c	2.50
Mexican Chili , (true); beautiful and productive; three to four inches in length; very pungent	15c	1.50
Red Cluster , as implied by the name, this variety fruits in bunches at the end of each branch. The thin peppers are of a brilliant coral red color, and very hot in flavor. Per pkt. 10c.....	50c	
Ruby King , large size, splendid color, mild and productive, (see cut).....	25c	2.50

POTATOES.

Patatas — Kartoffeln — Pommes de Terre.

Assortment of the best varieties in season. Market prices upon application.

PUMPKIN.

Calabaza — Kurbis — Cource.

Plant in manured hills eight feet apart, and leave three strong, healthy plants in each hill. When planted among corn, take every fourth row. Keep as far from Melons and Cucumbers as possible, as they are apt to mix. One pound of seed will plant about 400 hills. If ordered by mail, ten cents per pound will be charged additional for postage.

	Per oz.	Per lb.
Iron Bark , an Australian, variety, used for table exclusively; gray externally, yellow flesh; excellent keeper, very prolific; pumpkins weigh from seven to ten pounds, and have a very hard shell. Per pkt. 10c.....	25c	
Cashaw , (crook-necked,) solid flesh, fine and sweet; keeps well	10c	60c
Cheese , size large; skin reddish orange; flesh thick, fine and sweet	10c	60c
Connecticut Field , the true Eastern kind for stock; seeds much used medicinally ..	10c	30c
Mammoth Tours, or Jumbo , an imported variety of immense size, often weighing 150 pounds; very productive and good keeper; flesh salmon color; desirable for cooking purposes and stock feeding.....	10c	75c

See also Agricultural seeds.

RADISH.

Rabano — Radieschen — Radis.

The Radish will succeed well in any good garden soil, not over moist or too heavy. A sandy loam enriched by well-rotted manure is best. For early and late crops a warm, sheltered situation should be chosen; whilst for those sown in the heat of summer a rather shady spot must be selected. For a succession, sow every two weeks. One ounce of seed will sow fifty feet of drill or a bed of fifty square feet.



Early Long Scarlet.



Scarlet Olive-Shaped.



White Strasburg.

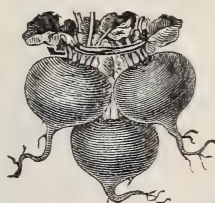
	Per oz.	Per lb.
Black Spanish Winter, Long , grows to a large size, of oblong shape, quite solid	10c	60c
Black Spanish, Winter, Round , similar to the above, except in form	10c	60c

	Per oz.	Per lb.
Beckert's Chartier , decidedly distinct in appearance from any radish in cultivation	10c	60c
California Mammoth White , a winter sort introduced into California by the Chinese; eight to twelve inches long and two inches in diameter; flesh white, firm, and of excellent flavor	10c	60c
Early Long Scarlet Short Top , roots long, pinkish color; flesh white, crisp, (see cut)	10c	60c



Mixed Radishes.

French Breakfast , a fine early variety; olive-shaped, scarlet body with white tips	10c	60c
Long White Spanish , similar to Black Spanish except in color; crisp and solid	10c	60c
Scarlet Olive-Shaped , oval; very early and handsome; flesh rose-colored, tender and brittle, (see cut)	10c	60c
Scarlet Turnip , an excellent early variety, crisp and tender, (see cut)	10c	50c



Scarlet Turnip.

Scarlet Turnip, White Tipped , a late introduction, of excellent quality	10c	60c
White Strasburg , one of the most valuable summer radishes in cultivation, (see cut)	10c	60c

Mixed Radishes . Mixture of best sorts of radishes, particularly useful for family garden, supply a nice assortment for the table, of all colors and sizes; large quantities of mixed radishes are now sold in eastern markets, (see cut)	10c	50c
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RHUBARB, OR PIE PLANT.

Ruibarbo — Rhabarber — Rhubarbe.

Sow the seed early in the spring, in drills eighteen inches apart, and cover one inch deep; thin the plants to six inches apart, and keep them free from weeds. The plants being one year old, should be removed to the prepared beds, and placed three feet apart each way. Do not cut until the second year, and apply a dressing of manure every fall.

	Per oz.	Per lb.
Monarch, or Giant , a superior variety of large size	15c	\$1.50
Victoria , very large, fine for cooking; cultivated largely by market gardeners for main crop late in the season	15c	1.50

SALSAFY, OR VEGETABLE OYSTER.

Ostion Vegetal — Haferwurz — Salsifis.

Select light, rich soil. Sow the seed thickly in drills, twelve inches apart, and cover one inch deep. When the plants are two or three inches high, thin out to six inches from each other in the rows; hoe often, and keep the earth loose and clean around them. They are boiled or stewed like parsnips, the flavor resembling the oyster. One ounce of seed will sow fifty feet of row.

	Per oz.	Per lb.
Long White	15c	\$1.50
Sandwich Island , of enormous size, very tender and delicious	20c	2.00

SORREL.

Acedara — Sauerrampfer — Oseille.

Sow in spring, in drills eighteen inches apart, in a rich soil, and keep the flower stems cut off as they appear. One ounce of seed will sow 100 feet of drill.

	Per oz.	Per lb.
Large Leaved, French	15c	\$1.25



Prickly, or Fall.

SPINACH.

Espinaca — Spinat — Epinard.

For summer use sow early in spring in drills one foot apart, and thin the plants six inches from each other in the row. For early spring use, sow



Round, or Summer.

in August and September. One ounce of seed will sow about fifty feet of row.

	Per oz.	Per lb.
Long Standing , the valuable characteristic of this variety, is that of remaining a long time before running to seed.....	10c	30c
New Zealand , produces leaves in great abundance throughout the summer; should be transplanted three feet apart each way.....	10c	60c
Prickly, or Fall , very hardy; used for fall planting; leaves seven or eight inches long and thin in texture, (see cut).....	10c	30c
Round, or Summer , the variety used for early spring planting; leaves large, thick and compact; the best adapted to our climate, (see cut).....	10c	30c

SQUASH.

Calabacera — Kurbiss — Courge.

Light, warm soil is best adapted to the growth of the Squash. The seed should not be sown until all danger from frost is past. Plant in hills—prepared in the same manner as for Cucumbers and Melons—the bush kinds about four feet apart, and the running varieties from six to nine, according to their nature, as some will run more than others. Plant about half a dozen seeds in each hill. One ounce of seed will plant from fifteen to forty hills.



Early White Bush Scalloped.



Hubbard.



Summer Crook-Neck.

	Per oz.	Per lb.
Early Golden Bush Scalloped , an early variety, well flavored and productive; excellent for market.....	10c	60c
Early White Bush Scalloped , the earliest; similar shape to the yellow, (see cut).....	10c	60c
Hubbard , the best of all winter varieties; grows to a large size, (see cut).....	10c	50c
Long White Vegetable Marrow , an English Squash of very superior flavor.....	10c	60c
Marblehead , an excellent winter Squash; good keeper, dry and sweet; the shell is much harder than the Hubbard, and light blue in color.....	10c	60c
Pike's Peak, or Sibley , entirely original and distinct, considered an improvement on the Hubbard.....	10c	60c
Summer Crook-Neck , this is the richest summer Bush Squash; very early and productive, (see cut).....	10c	60c
Winter Crook-Neck , an old standard sort; a good keeper; considered excellent for making pies.....	10c	60c

TOBACCO.

Tabaco — Tabak — Tabac.

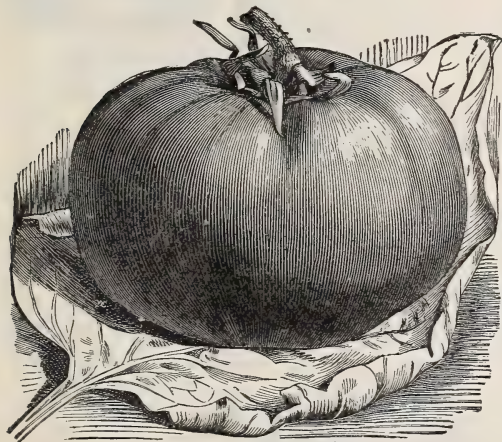
The seed may be started in hot beds, or sown in the open ground as soon as the ground is warm, in rich, dry soil; rake off the bed and sow broadcast, pressing down firmly and evenly, covering the seed very slightly; keep free from weeds, and water frequently if the weather is dry; set out when all chance of frost is past, three feet apart, in land that has been heavily manured with wood ashes if obtainable—brush burned on the ground will answer the purpose. One ounce will sow twenty-five feet square, and produce plants for one acre.

Havana , heavy cropper, fine texture, delightful flavor and the earliest cigar variety to mature and ripen. American grown	Per oz.	Per lb.
Cuban grown	30c	\$3.00
Connecticut Seed Leaf , the largest, finest and best strain of this indispensable kind; every seed stock carefully selected	60c	6.00
	30c	3.00

TOMATO.

Tomate — Liebesapfel — Tomato.

Sow the seed in frame or sheltered bed. When the plants are two or three inches high, thin them out and set them in pots or in another bed, to give them room and make them "stocky." When five or six inches high, if the weather be warm and settled, transplant them to open ground, selecting a rainy day, if possible; in the absence of rain, water and protect till well rooted. Set plants four feet apart each way, support by driving two or three stakes around each plant, and encircle with as many barrel hoops; this will serve to keep the fruit off the ground. One ounce of seed will produce 3,000 plants. The tomato requires a rather light soil to ripen early, but if handsome fruit and a plentiful crop be desired, very rich soil should be selected.



Ignotum.



Livingston's Perfection.



Livingston's Beauty.

Acme , very early, delicious flavor, glossy dark purple, ripens all over, no core, few seeds	Per oz.	Per lb.
Cherry , flavor unsurpassed; fruit small, a wonderful cropper; best for pickling	15c	\$1.50
Dwarf Champion , in this variety we have a tomato that is entirely distinct	20c	2.00
Early Richmond , extra selected; a favorite winter variety with our Los Angeles gardeners, in frostless districts	20c	2.00
Ignotum , a large, smooth, deep-red variety; said to be the earliest of the large varieties, (see cut)	30c	3.00
	20c	2.00
Livingston's Beauty , extra early, growing in clusters of four or five, (see cut)....	15c	1.50
Livingston's Favorite , one of the most perfect shaped tomatoes grown	15c	1.50
Livingston's Perfection , large; blood-red; smooth and handsome form, (see cut)	15c	1.50
New Stone . A splendid variety for shipping; bright scarlet; large, smooth and firm; excellent quality, and one of the best for general use	20c	2.00
Ponderosa, or Henderson's Four Hundred , grows to an enormous size, sometimes weighing from 2 to 3 lbs. each; very smooth and solid. Per pkt. 10c.....	40c	4.00
Royal Red , an excellent variety for main crop, beautiful deep red, one of the best for canning purposes, or general use; large round, and very handsome	20c	2.00
Strawberry, or Ground Cherry , (Alkekengi), a distinct species; grows enclosed in husk; excellent for preserves; will keep with husk all winter. Per pkt. 10c	35c	3.50
The Mikado , a variety of very large size and superior quality	20c	2.00
Trophy , one of the largest and best flavored sorts cultivated, fruit solid	15c	1.50


TURNIP.

Nabo — Ruebe — Navet.

For early crops sow the Early White Flat Dutch or Munich during the winter; and for summer crops sow any of the other varieties at intervals of a fortnight until June, in drills twelve inches apart; cover

the seed lightly unless the season be very dry; thin out the plants to six or eight inches apart. For fall or winter use sow the Golden Ball, or Purple Top Strap-Leaf. Success in raising turnips depends greatly on the selection of soil, and its subsequent preparation as well as the quality of seed.

GARDEN VARIETIES.

	Per oz.	Per lb.
Early Purple Top Munich , one of the earliest varieties.....	10c	50c
 Early White Flat Dutch , white flesh, medium size, quick growth. (see cut)	10c	50c
Golden Ball , round, smooth, English turnip of fine quality; skin bright yellow; good keeper	10c	50c
 Purple Top Strap-Leaf , very productive, matures quickly; flesh white, sweet, (see cut)	10c	50c
Purple Top White Globe , of decided merit, globular shape	10c	50c

RUTABAGA, OR SWEDISH TURNIPS.

Extensively grown for a farm crop; also esteemed for table use; tho roots are close-grained, very hard and will endure a considerable degree of cold without injury. Select light, clean soil and sow in drills two feet apart, and thin out to eight or ten inches in the row, two pound of seeds to the acre.

	Per oz.	Per lb.
Imperial Hardy Purple Top , large, handsome roots, of fine quality.....	10c	40c
Laing's Improved Purple Top , earliest variety; succeeds well on rich, free soil	10c	40c

Culinary Roots and Plants.

NOTE.—When ordered to be sent by mail, remit in addition to price, for Asparagus Roots 50c per 100; Cabbage, Cauliflowers, Celery, Sweet Potato and Tomato plants, 5c per doz., 35c per 100; Rhubarb Roots 5c each; Egg and Pepper plants 5c per doz., 35c per 100.
Pot grown plants, double postage.

	Per doz.	Per 100.	Per 1,000.
Asparagus. (Conover's Colossal). One year old roots, equal to two-year old Eastern grown.....		\$1.00	\$7.50
Cabbage Plants. Early Winningstadt, Henderson's Early Summer, Fottler's Early Brunswick and Premium Flat Dutch.....		30c	2.50
Cauliflower Plants. Early Erfurt, Snowball, Lenormand's Mammoth and Large Algiers.....		1.00	7.50
Chives, or Schnittlauch. * For flavoring soups, salads, etc., per clump 5c	50c		
Egg Plants. New York Improved Large Round Purple, grown in pots.....	75c	* 5.00	
Hop Vine Roots	50c	3.50	
Horse Radish Roots, or Sets. Thrive best in low, damp land. Plant in rows two feet apart, and in the rows eighteen inches apart.....	15c	1.00	
Pepper Plants. Chili, Large Bell, or Bull Nose, Sweet Mountain, etc.....	50c	3.50	
Rhubarb Roots. Linnaeus and Victoria, strong roots.....each 10c	\$1.00	7.50	
Sweet Potato Plants. Yellow Nansemond and Large White.....		50c	4.00
Tomato Plants. Perfection, Beauty, Favorite, Mikado, Acme, Ponderosa, Ignotum, New Stone and Royal Red.....	15c	1.00	

Seeds of Pot, Sweet and Medicinal Herbs.

A well assorted selection of the various kinds of Herbs should have a place in every garden. Their value in seasoning and flavoring is well known and appreciated. Some kinds are aromatic, while others are used for medicinal purposes. Care should be taken to harvest on a dry day, just before they fully blossom.

All can be supplied in pkts. at 5c each; 50c per dozen pkts.



Thyme.



Lavender.

	Per oz.	Per lb.
Angelica, Garden. (<i>Archangelica Officinalis</i>). Useful on account of its medicinal qualities,	35c	
Anise. (<i>Pimpinella Anisum</i>). Seeds and leaves are both aromatic and carminative. Official and medicinal	10c	75c
Balm. (<i>Melissa Officinalis</i>). For making Balm Tea; valuable in case of fever	50c	
Basil, Sweet. (<i>Ocymum Basilicum</i>). Culinary herb; used for flavoring soups, etc.	25c	
Borage. (<i>Borago Officinalis</i>). Used for salads; excellent for bees.	15c	
Caraway. (<i>Carum Carvi</i>). Principally cultivated for its seeds, which are used in confectionery and medicine. The under leaves are sometimes used for flavoring soup	10c	30c
Catnip. (<i>Nepeta Cataria</i>). Has medicinal qualities	75c	
Coriander. (<i>Coriandrum Sativum</i>). Seeds aromatic; used in confectionery	10c	25c
Cumin. (<i>Cuminum</i>). Leaves and seeds both used for flavoring	10c	30c
Dill. (<i>Anethum Graveolens</i>). Seeds aromatic; much used to flavor pickles.	10c	\$1.00
Fennel, Sweet. (<i>Anethum Fœniculum</i>). Used for flavoring soups and salads.	10c	1.00
Horehound. (<i>Marrubium Vulgare</i>). Valued highly as a remedy for coughs and Pulmonary diseases	30c	
Hyssop. (<i>Hyssopus Officinalis</i>). The leaves and flowers are dried and used medicinally	25c	
Lavender. (<i>Lavandula Vera</i>). A well known, popular, aromatic plant, used for distilling Lavender Water, (see cut)	25c	
Marjoram, Sweet. (<i>Origanum Marjoram</i>). Used for seasoning.	25c	
Rosemary. (<i>Rosemarinus Officinalis</i>). An aromatic herb; the leaves are used for making hair-wash, (see cut)	40c	
Rue. (<i>Ruta Graveolens</i>). Used for medicinal purposes; also used as a remedy for croup in fowls	25c	
Saffron. (<i>Carthamus Tinctorius</i>). Used medicinally; and in dyeing.	15c	
Sage. (<i>Salvia Officinalis</i>). Used in dressing and sauces	20c	
Savory, Summer. (<i>Satureja Hortensis</i>). Used as a culinary herb.	15c	
Savory, Winter. (<i>Satureja Montana</i>). Used as above; perennial.	50c	
Tansy. (<i>Tanacetum Vulgare</i>). Good for bitters and medicinal purposes	30c	
Thyme, Broad Leaved. (<i>Thymus Vulgaris</i>). Used in soups, sauces and dressings, as seasoning, (see cut)	30c	
Wormwood. (<i>Artemisia Absinthium</i>). Used for medicinal purposes.	25c	



Rosemary.

Agricultural.

BEET—SUGAR VARIETIES.

CULTURE.—Sow in the beginning of March; first plowing and subsoiling to the depth of at least fifteen inches. The seed should be soaked for twelve hours before sowing, and be covered at least one inch when sown. The rows should be fifteen inches apart, and the plants should be thinned to eight inches apart in the rows. Sow about 15 lbs. per acre. Ten pounds supplied at 100 lb. rates.

(If ordered by mail, 10c per lb. will be charged additional for postage.)



Klein Wanzlebener Sugar Beet.

Per lb. Per
100 lbs.

Klein Wanzlebener.
Well known, richest
in sucrose, and heav-
iest cropper (see cut) 20c \$12.50

**Lane's Improved
Imperial.** An
American variety orig-
inated in Vermont;
contains a large per-
centage of sugar, is a
large, uniform crop-
per, and is highly es-
teemed both for sugar
purposes or for feed-
ing stock. Has yielded
40 tons per acre, (see
cut)..... 20c 12.00

**Vilmorin's Improv-
ed White Sugar.**
A much improved
variety of the White
Silesian, extensively
cultivated as a Sugar
producing beet. Very
valuable..... 20c 12.00

White Silesian.
Grows to a large size;
useful for Sugar pur-
poses or Stock feeding 15c 10.00

MANGEL WURZEL.

Cultivated extensively for stock. Select a deep rich loam and manure well. Sow any time from the middle of November until April, in drills two and a half to three feet apart, and thin to nine inches in the row. The long varieties prefer a light sandy loam. The round varieties are the best for planting on stiff soil. Sow six pounds to the acre. (If ordered by mail, ten cents per pound will be charged additional for postage).

Per lb. Per 100 lbs.

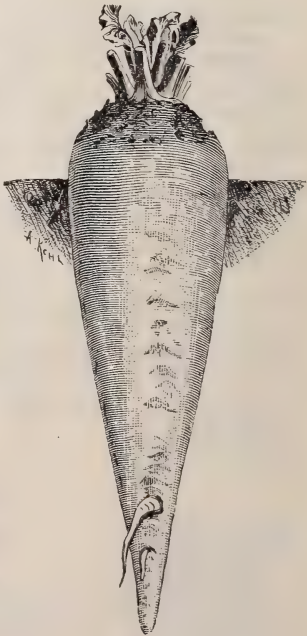
Golden Tankard, bright, yellow, handsome and sweet;
large cropper, highly esteemed by dairymen, (see cut) 15c \$12.00

Golden Giant, the largest of the yellow varieties, of
oval shape, growing half above ground, an enormous
cropper, yielding from forty to sixty tons per acre..... 15c 13.00

Mammoth Long Red, grows partly above ground,
immense size, (see cut)..... 15c 11.00

Yellow Ovoid, or Olive Shaped, a distinct va-
riety; very productive 15c 12.00

Yellow Globe, a splendid keeper, the easiest to har-
vest from stiff soil 15c 12.00



CARROT.

A light, friable, sandy loam is best suited for Carrots. Apply plenty of fine, well decomposed manure, and cultivate thoroughly and often. It is important that the soil be perfectly free from stones.

Per oz. Per lb.

Improved Long Orange, grows to a large size,
averaging a foot in length, with a diameter of three
inches at the top. Good for table purposes or stock 10c 50c

Large White Belgian, very productive; grown for
stock feeding exclusively; grows one-third out of the
ground; roots white, green above ground..... 10c 40c

Large Yellow Belgian, fine for stock; when young
may be also used for the table; good for winter and
early spring use, being an excellent keeper..... 10c 40c Lane's Improved Imperial Sugar Beet.

FIELD PUMPKINS.

(If ordered by mail, 10c per lb. additional will be charged for postage.)

California Field, selected; very large. Per lb. 20c.

Sugar Stock, dry and sweet, very fattening. Per lb. 20c.

Price per 100 lbs. on application.

BUCK WHEAT.

Common. Sow broadcast at the rate of about 45 lbs. to the acre. Per lb. 5c; 100 lbs. \$3.00.

CORN.

EASTERN GROWN SEED.

The following varieties, all seed of selected ears, shelled. Per lb. 10c; 100 lbs. \$5.00.

Champion White Pearl, (100 days), (see cut.)

Golden Beauty, 100 days, (see cut.)

Hickory King, 110 days, (see cut.)

Distinct from all other varieties, having the largest grain with the smallest cob ever introduced in a white corn.

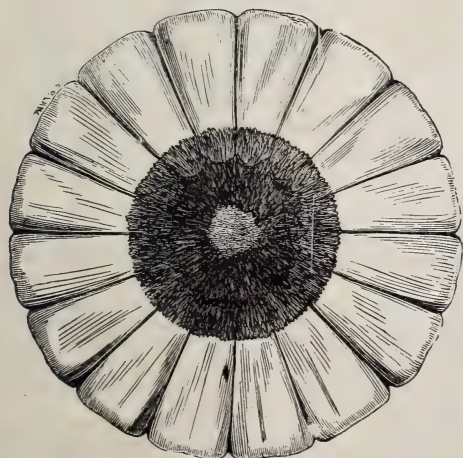
Improved Leaming, (90 days.) One of the earliest yellow Dent Corns in cultivation.

CALIFORNIA GROWN.

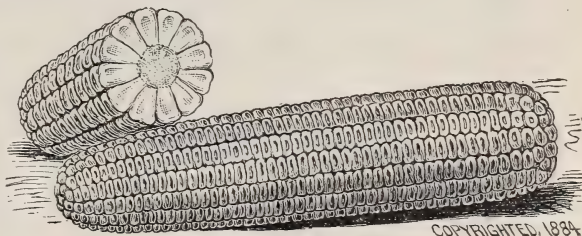
Large Yellow, Small Yellow, Large White, Small White.—Prices quoted on application.

POP CORN.

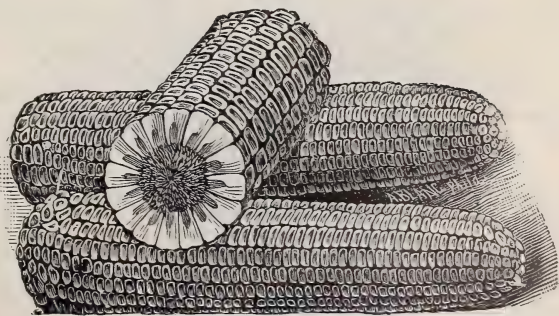
White Rice, White Pearl, and Yellow, per lb. 10c; 100-lb. prices on application.



Champion White Pearl.



Hickory King.

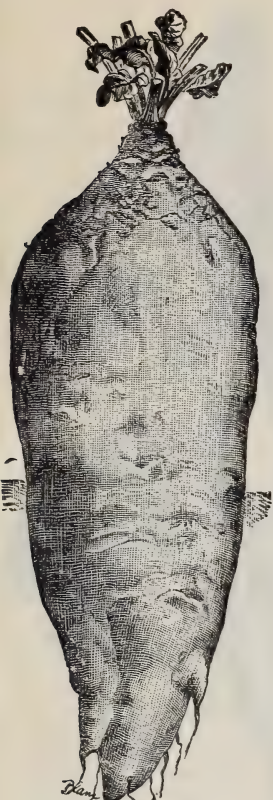


Golden Beauty.

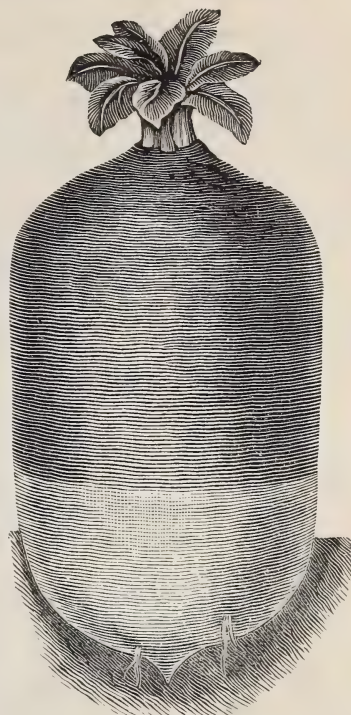
OATS.—Heavy White Oregon, Texas Rustproof Red—Prices on application.

RYE.—Winter—Price on application.

WHEAT.—Australian White, Russian White, Sonora White—Prices on application.



Mammoth Long Red Mangel.



Golden Tankard Mangel.

Clover and Grass Seeds.

For Lawns, Meadows, and Permanent Pastures.

Express or freight charges always to be paid by the purchaser. If wanted to be sent by mail, postage must be added at the rate of ten cents per pound. As market is apt to fluctuate, quotations on 100-lb. lots of the following varieties of seeds given on application and samples mailed free. Ten pounds charged at 100-lb. rate.

CLOVER SEEDS.

Alsike, or Swedish. (*Trifolium Hybridum*). A hybrid between the Red and White Clovers, but of much stronger growth than the latter, and will yield a heavy crop on any soil. Stands drouth well, yields a large return in Hay, and is unsurpassed for bees. Sow early in spring. Per lb., 20c.

Alfalfa, or Lucerne. (*Medicago Sativa*). This valuable species is too well known in California to need description. Per lb., 15c; 100 lbs., market price.

Bokhara, or Sweet Clover. (*Melilotus Alba*). Very valuable for soiling. It grows from four to six feet high, and may be cut three times or more if sown in good soil. Should be cut before flowering. Very good for bees. Per lb., 40c.

Burr Clover. (*Medicago Maculata*). California Burr Clover, Spotted Medick. An excellent fodder plant for the south. Flourishes in dry soils. About twelve pounds of the burrs should be sown to the acre, and on good soil, lightly covered, will soon cover the entire surface. Per lb., 15c; 100 lbs., market price.

Italian Crimson, or Scarlet Clover. (*Trifolium incarnatum*). (See cut). A valuable forage plant. As a "stolen crop" it is unsurpassed, for it can be sown in the fall and cut in the spring in time to plant another crop on the same ground. The yield of green fodder ranges from ten to thirteen tons to the acre. In addition to its valuable qualities as a forage plant it is no less desirable as a green manure, absorbing, as it does, large quantities of nitrogen from the atmosphere, which, in its capacity as a fertilizer, it transfers to the soil. Sow twelve pounds to the acre. Per lb., 15c; 100 lbs., \$8.50.

Mammoth Red, or Cow Grass. (*Trifolium Pratense Perenne*). Quite distinct from the common Red Clover, having a shrubby stem, and a longer and more penetrating root, thus enabling it to withstand drouth well. Grows five to six feet high, and is much used as a green manure. Sow twenty pounds per acre alone, or five pounds when mixed with other grasses. Per lb., 20c.

Small Red. (*Trifolium Pratense*). A most valuable variety for fodder, also excellent for plowing under for manure. Per lb., 20c.

White Dutch. (*Trifolium Repens*). An excellent pasture plant. Its flowers are also a favorite resort for the honey bee. It succeeds on all rich clayey lands, if not too wet. It is the best variety of clover to mix with grasses for lawns. Sow early in spring. Per lb., 30c.




Crimson, or Scarlet Clover.



Perennial Rye Grass.

GRASS SEEDS.

The following are the most valuable Grasses for agricultural and other purposes.

 The prices of some varieties may change as the season advances.

Bermuda, or Couch Grass. (*Cynodon Dactylon*). This Grass, the "Doob" Grass of India, is one of the most valuable for hot countries, suitable either for lawn or pasture, and very valuable for fixing loose soils. For eight months in the year it is beautifully green; in cold weather it turns brown. The seed will not germinate in cold weather. April, May and September, are the best months in which to sow. Sow 10 lbs. to the acre. Per lb. \$1.00.

Crested Dog's-Tail Grass. (*Cynosurus Cristatus*.) A valuable grass for sheep pastures, on dry, hard soil and hills. It belongs to the family of lawn grasses. 25 lbs. to the acre. Per lb. 40c.

Italian Rye Grass. (*Lolium Italicum*). A valuable annual variety, thriving well in any soil, and yielding early and abundant crops. Especially valuable for pasture in Southern California. Although strictly speaking it is an annual, if cut before going to seed may be considered perennial in this climate. Claimed to stand any amount of forcing by irrigation. Sow 30 lbs. to the acre. Per lb. 15c; 100 lbs. \$9.00.

Kentucky Blue, or Smooth Meadow Grass. (*Poa Pratensis*). Very valuable for California, as it thrives in moderately dry soils and withstands the hot summers. Does not become thoroughly established until the third year. Also a valuable lawn grass. For lawns sow 150 lbs. per acre; for pastures 50 lbs. per acre is sufficient. We offer none but fancy cleaned seed. For instructions on making lawns ask for Special Circular. Per lb. 25c; 5 lbs. for \$1.00; per 100 lbs. at market price.

Orchard Grass, or Cocksfoot. (*Dactylis Glomerata*). A very valuable grass, all kinds of stock being greedily fond of it. Will bear cropping very well. When established will withstand both floods and drouth. Sow 40 lbs. to the acre. Per lb. 20c; 100 lbs. at market price.

Perennial Rye Grass. (*Lolium Perenne*). (See cut). The merits of this grass are becoming more recognized every year. It adapts itself to almost any soil, germinates freely, and seeds abundantly. Of upright habit, bearing abundance of nutritious foliage, it is much relished by stock, and its roots being fibrous and penetrating, gives it a permanency not possessed by many other species. Sow 60 lbs. per acre. Per lb. 15c; 100 lbs. \$8.00.

Red Top. (*Agrostis Vulgaris*). A valuable permanent grass in mixture for either pastures or lawns, standing heat well and growing in almost any soil. Ripens later than almost any other grass. Sow 30 lbs. to the acre. Fancy cleaned seed, per lb. 25c; 100 lbs. \$20.00. Fair seed, per lb. 15c; 100 lbs. at market price.

Sweet Vernal Grass. (*Anthoxanthum Odoratum*). Useful mixed with other grasses, on account of its excellent quality and early growth. It emits an agreeable odor when cut for hay, and all kinds of stock eat it greedily. Sow 10 lbs. per acre in mixture with other sorts. Per lb. 60c.

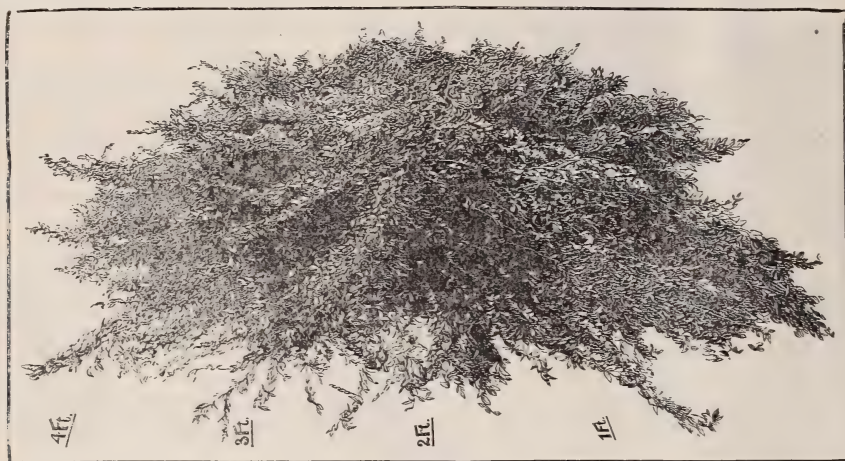
Timothy, or Herd's Grass. (*Phleum Pratense*). This grass thrives best on moist soil, or rich wheat-bearing alluvial lands. Should be cut when seeds are ripe, as the nutritive value of the hay will be twice as great as when cut in the flower. On account of it first yielding an abundant hay crop and then a nutritious aftermath, it is particularly valuable as pasture grass. Sow 20 lbs. to the acre. Per lb. 10c; 100 lbs. \$7.00.

Fodder Plants.

Express or freight charges always to be paid by the purchaser. If wanted to be sent by mail, postage must be added at the rate of ten cents per pound. As market is apt to fluctuate, quotations on 100 lb. lots of the following varieties of seed given on application. Ten lbs. charged at 100 lb. rates.

Alfilaria. (*Erodium Cicutarium*.) Commonly called California Clover, Crane's Bill or Wild Geranium, as it belongs to the same family. The seed is very scarce and hard to procure, owing to the difficulty in gathering free from weeds. As to quality it is one of the most nutritious of plants; cattle, sheep, horses and hogs alike prefer it to any other natural product of the plains. It makes the sweetest milk and butter, and the best meat of any of the natural fodder plants of this State. When nearly at maturity it is very fattening, and may be considered a strong, safe feed for grazing animals. We heartily recommend it for use on the large stock grazing ranges of Arizona and New Mexico. Sow 20 lbs. per acre. Per lb. 75c; special prices given on large quantities.

Australian Salt Bush. (*Atriplex Semibaccatum*). (See cut). This forage plant which was introduced a few years ago from Australia, has been grown here with the very best results. The plants have a diffuse habit of growth, each one when fully developed covering an area of three or four feet in diameter. It is much relished by stock, and supplies the salt so necessary to their well being. Its greatest recommendation, however, in the estimation of many farmers, is the fact that *it will thrive better on alkali land than any other*. It is proved by analysis to be very nutritious, and contains, when dried, from eight to ten per cent. of salty matter. The yield is about twenty tons of green fodder per acre, which will make five tons of hay. The plant is perennial; if intended for a grazing pasture, it is better not to cut it the first year, but let the seed fall and thus form a sod. Prepare the land by plowing and harrowing as for other crops. The seed may be sown in beds or boxes and transplanted to from eight to ten feet apart each way, but it is better to sow it where it is to remain, either thinly broadcast or in hills, taking care in all cases to cover the seed VERY LIGHTLY. Use one pound of seed to the acre if sown broadcast or four ounces if transplanted. In cutting the fodder be careful not to injure the crowns of the plants. Per oz., 15c; per lb., \$1.50.



Australian Salt Bush.

Australian Salt Bush, "Old Man." A distinct species, and quite different from the *Atriplex semibaccatum*. It succeeds on alkali land as well as, and withstands drought better than the latter kind, while on account of its upright growth (growing sometimes fifteen feet high) it is easily cut. In its immense productiveness it is far ahead of the common kind, while its leaves are much larger. In Australia, the cattle men prefer the "Old Man" to any other kind for cattle, while the *A. semibaccatum* is used for sheep and the smaller animals, on account of its being more easily reached by them. Plant in hills six feet apart each way, several seeds to a hill, thinning out to the two strongest plants. Per pkt., 10c; per oz., 40c; per lb., \$4.00.

MILLETS.

French Round White, Imported. A very choice variety of Millet with large, round, pearly white seeds, used by the French for making into bread, generally sold in this country for feeding valuable foreign birds. Per lb., 15c; 100 lbs., \$12.00.

German, or Golden Millet. This variety is not so early as Common Millet, but yields a much larger crop. Will grow from three to five feet in height. The heads are closely condensed and the spikes very numerous. It will yield two crops a season. Per lb., 10c; 100 lbs., \$4.50.

Hungarian (Grass) Millet. (*Panicum Germanicum*). This annual forage plant is a Millet, and is one of the most valuable for a soiling crop, as it will grow in any ordinary soil, and will withstand the most severe droughts. It may be sown in this latitude middle of June. As a green crop for plowing in, it is very fructifying. Per lb., 10c; 100 lbs., \$4.50.

Italian Millet. (*Setaria Italica*). This variety grows much larger than Hungarian Grass, and produces a heavier crop; not quite so early; heads nodding, four to six inches long, yellowish; seeds oval, slightly flattened, yellow. Per lb., 10c; 100 lbs., \$7.00.

Common Millet. (*Panicum Miliaceum*). Very early; height three to four feet; foliage broad and very abundant; heads open: branching panicles; seeds glossy, oval, somewhat flattened. Per lb., 10c; 100 lbs., \$4.00. The foregoing Millets should all be cut while in bloom.

Pearl, or Egyptian Millet. (*Penicillaria Spicata*). This is quite distinct from all other species, and is without doubt destined to take a place in the front rank of vegetable forage plants. Sown in light, sandy soil, the plants at first appear feeble, resembling Broom Corn; but when a few inches above ground they begin to tiller, and new shoots appear very rapidly from the original root. When cultivated for fodder the seed should be dropped in drills and given plenty of room, on account of the peculiar habit of tillering. The fodder is in the best condition for cutting and curing when the stalks are five to six feet high. Per lb., 30c; 10 lbs., \$2.50.

Evergreen Millet, or Johnson Grass. (*Sorghum Halepense*). A perennial with fleshy underground stems, about the size of the little finger. These are very tender, and are much liked by hogs. They literally fill the ground near the surface, and every joint will develop a bud. On good ground, the stems attain a height of five to ten feet, growing about as thick as they can stand on the ground. It likes dry, hot weather, and will grow luxuriantly where it is too hot and dry for most other grasses. Sow early in the spring, at the rate of thirty pounds of seed per acre. The seed should not be sown until the weather becomes moderately warm. Per lb., 10c; 100 lbs., \$9.00.

FIELD PEAS.

These are grown for marketing dry, for split Peas, for fodder or for stock, and for soiling. Plant at the rate of 150 lbs. to the acre broadcast, or in drills at the rate of 80 lbs. per acre.

Black-eyed Marrowfat. Very hardy and prolific. Good for either soiling or fodder. Per lb., 10c; per 100 lbs., \$4.00.

Blue Prussian. The boiling Pea of Commerce. Per lb., 10c; 100 lbs., \$4.00.

Southern Cow Pea, Black Eye. This is not exactly a Pea, but more properly belongs to the Bean family. The pods may be harvested for the grain, or the plants plowed under to fertilize the soil. The seed or grain is ground and used for cattle fodder; the stalks and leaves also make excellent fodder, fed green. Poor, sandy land, may be greatly improved by plowing under a crop of Cow Peas, and thus made into fertile loam. Plant in a thoroughly pulverized soil. If grown for fodder or the seed, plant three and a half feet apart and cultivate thoroughly. The seeds must not be sown until the ground has become thoroughly warm. Per lb., 10c; 100 lbs., \$5.00.

Miscellaneous Fodder Plants.

(If ordered to be sent by mail, ten cents per pound will be charged additional for postage).

Jerusalem Corn. (See cut). Lately introduced from Palestine, and will stand drought better than any of the non-saccharine Sorghums. The most valuable forage plant ever offered in this climate. It has yielded five cuttings during the season. Height about five feet, and when matured, the grain is an excellent chicken food. Sow four pounds to the acre. Per lb., 10c; 100 lbs., \$5.00.

Kaffir Corn, or Imphi. Introduced from South Africa. The plant is low, stocky and perfectly erect. It does not tiller, but branches from the top joints. The whole stock, as well as the leaves, cures into excellent fodder, and is good for green feed at all stages of its growth. When the grain turns white, clip the heads, and other heads will come. If required for fodder, sow in the spring, either broadcast or in drills, three feet apart at the rate of ten pounds per acre. If required for grain, sow four lbs. per acre. White or Red. Per lb., 10c; 100 lbs., \$5.00.

Brown Dhoura, or Egyptian Rice Corn. It is much sweeter than corn stalks, and cattle, horses and hogs will eat it ravenously. The seed is excellent for fowls. Culture same as corn. Sow five pounds to the acre. Per lb., 5c; 100 lbs., \$3.00.



White Dhoura, or Egyptian Rice Corn. The yield of grain is very great, and cooked when the kernels are not fully ripe, like green corn, it has the flavor of chestnuts, or after fully ripe, cooked like rice, or ground into fine flour or meal, and used for baking. A favorite variety with poultry raisers. Per lb., 5c; 100 lbs., \$3.00.

Large African Millet. A variety growing stalks eight to ten feet high, and yielding heads of grain twelve to fourteen inches long, weighing six ounces to half a pound when fully ripe. If the whole stalk is cut down and cured when the seeds are in the dough state, it makes excellent forage; easy to cure, keeps well in out-door shocks, and much liked by stock in the winter. It also makes excellent green feed; bears in dry weather and gives a crop where corn would wholly fail. Per lb., 10c; 100 lbs., \$5.00.

White Milo Maize, or Branching Dhoura. Valuable as a forage plant and for its grain, having great capacity to stand drouth. It can be cut and fed at any stage, or cured when heading out, for fodder. It bears grain in erect, full heads, and is almost equal to corn for feeding all sorts of stock; also makes excellent meal. It requires all summer to mature seed. Three to five pounds per acre. Can be cut for green feed several times a season. Average yield of seed about forty bushels per acre. Per lb., 10c; 100 lbs., \$5.00.

Yellow Milo Maize, or Yellow Branching Dhoura. Similar to the white as above described but of larger heads. Per lb., 10c; 100 lbs., \$5.00.

Sorghum, or Chinese Sugar Cané. (*Sorghum Saccharatum*). **Early Amber.** The earliest and most productive variety. Its saccharine matter is of first quality, fine and rich; it grows to the height of from ten to twelve feet; makes sugar or syrup equal to any in the market. One of our best green fodder plants, producing from two to three cuttings during the summer. The seed is relished by all kinds of stock. Sow six pounds in drills, and twelve pounds broadcast to the acre. Per lb., 10c; 100 lbs., \$4.00.

Sorghum, Early Orange. It is from eight to ten days later than the Early Amber; produces syrup of excellent quality. Per lb., 10c; 100 lbs., \$5.00.

Lathyrus Sylvestris Wagnerii. (Flat Wood Pea). Claimed to be the most profitable fodder plant ever grown. It is twice as nutritious as Alfalfa and of equal value with oil cake for feeding purposes. Perennial, lasting over fifty years; the roots penetrating into the sub-soil from ten to eighteen feet. Has proved to be pre-eminently the plant for drouthy, and barren soils. Sow in spring in rows and at the depth of one inch. With the pea sow a few grains of barley to indicate the position of the rows, as it will be necessary to hoe the ground before the Lathyrus appears above it. In the following spring transplant to one foot apart each way. 25c per oz; \$2.50 per lb.

Lupins, Yellow. One of the best plants for soiling, succeeding well in the poorest soil. Many lands that were formerly poor, have had their value greatly enhanced by plowing in this Lupin as a manure. Per lb., 15c; 100 lbs., \$10.00.

Rape, Dwarf Essex. A valuable fodder plant for sheep, yields an abundant crop and is very fattening; contains about nine per cent. of Carbo-hydrates, two per cent. Albumen, and some fat. It is also exceedingly useful as a green manure. For fodder, sow from eight to ten pounds per acre; for soiling, sow from fifteen to twenty pounds per acre. Per lb., 15c; per 100 lbs., \$10.00.

Soja Bean. A valuable forage plant, much advertised of late. It is easily grown and very nutritious, and is highly recommended for pasturing, or for feeding as green fodder. The beans are an excellent substitute for coffee. Sow broadcast thirty to forty pounds to the acre, or twelve to fifteen pounds in drills. Per lb., 10c; per 100 lbs., \$7.00.

Sacaline. (*Polygonum Sachalinense*). Grows to the height of ten or twelve feet, and may be cut three times a year. The stems and leaves, which are very nutritious, are greedily eaten by cattle and sheep. The seed should be started in boxes, and the young plants afterwards transplanted three feet apart each way. Per pkt., 10c; per oz., 40c; per lb., \$4.00.

Seradella, (*Ornithopus Sativus*). A valuable forage plant, admitting of two cuttings in one season, and succeeding well in dry, sandy soil. Excellent for sheep. Per lb., 25c; per 100 lbs., \$15.00.

Spurry. (*Spergula Arvensis*). Small annual plant, succeeding best in sandy soil. It can be used in a green state, or for hay. Sow fifteen pounds to the acre. Per lb., 20c; 100 lbs., \$15.00.

Sweet Corn. For fodder, ensilage, or soiling. Per lb., 5c; per 100 lbs., \$3.00.

Tares, or Vetches. (*Vicia Sativa*). A most valuable forage plant. Also excellent as a green manure. Sow in early spring, with oats, barley or rye, which help to support it, and greatly add to its productiveness. When sown in conjunction with any of the above, thirty pounds is sufficient for an acre; if alone 100 pounds is required. Per lb., 10c; per 100 lbs., \$9.00.

Teosinte. (*Reana Luxurians*). Recommended as the most prolific forage plant yet introduced. In appearance somewhat resembles corn, but the leaves are much longer and broader. The stalk, containing much saccharine matter, is very nutritious. It can be cut several times during the season, yielding enormously. Plant in spring in drills three feet apart, and two to three seeds every twelve inches in drill; four pounds to the acre. Per oz., 20c; per lb., \$2.00.

Jerusalem Artichoke. Well enough known in most localities. It is a tuberous rooted sunflower, and is said to be capable of producing 1,500 bushels of tubers to the acre. (See cut).

Common, and Red Brazilian, per 100 lbs., \$3.50; larger quantities, price on application.



Jerusalem Artichoke.

Sundry Seeds of Economic Plants, Etc.

Express or Freight Charges always to be paid by the purchaser. If wanted to be sent by mail, postage must be added at the rate of ten cents per pound. As market is apt to fluctuate, quotations on 100 pound lots not given of the following varieties of seeds will be sent on application. Ten pounds charged at 100 pound rate.

Broom Corn. IMPROVED EVERGREEN.—This variety is more cultivated than any other, on account of the color and quality of its brush, which is of good length, fine and straight, and always green; it brings the highest market price; grows about seven feet high. Per lb., 10c; 100 lbs., \$5.00.

Broom Corn. LARGE CALIFORNIA GOLDEN.—One of the most popular kinds for making brooms. Per lb., 10c; 100 lbs., \$5.00

Broom Corn. DWARF.—This variety grows about four feet high, extra fine for making brushes or whisks. Sow twelve pounds of Broom Corn Seed of the above varieties to the acre. Per lb., 10c; 100 lbs., \$6.00.

Broom, Scotch. (*Genista Scoparia*). The young growth of this Shrub is chiefly valuable as food for sheep and other animals in winter. Coarse brooms are also made from it. Per oz., 10c; lb., 50c.

Caper Tree. (*Capparis Spinosa*). The undeveloped flower buds are the true Capers of Commerce. Flowers blush, very handsome. Per pkt., 15c.

Caterpillars. (*Astragalus* Var). A curious plant, interesting from the fact that the seed pods resemble living Caterpillars. Much fun is caused by mixing them in salads. Per pkt., 10c.

Cotton. SEA ISLAND.—Best variety. Per oz., 10c; lb., 25c.

Cotton. TENN. UPLAND.—Sow twenty-five pounds to the acre. Per oz., 10c., lb., 25c.

Fenugreek. (*Trigonella Fenum Græcum*). An annual, very fragrant. The seed is often used to give temporary fire and vigor to horses; also given to cattle while fattening, causing them to drink and digest their food. Per oz., 10c; lb., 60c.

Flax, or Linseed. Best Riga. Per lb., 10c.

Furze, or Gorse. (*Ulex Europæus*). Sheep and cattle browse on the young growth of this plant, with much relish. Also valuable for hedges and fences. Per oz., 25c; lb., \$2.50.

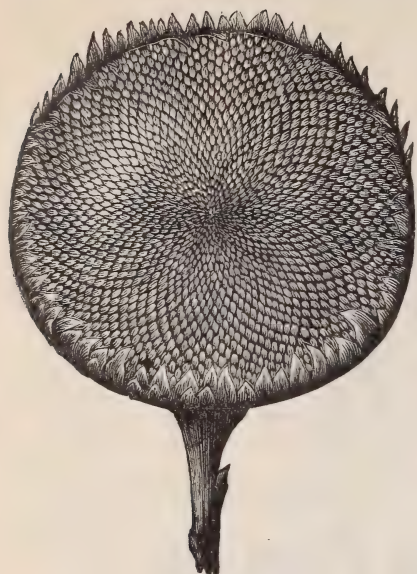
Garvanzas, or Chick Peas. Largely used for soup. Per lb., 10c

Hop Vine (Seed). (*Humulus Lupulus*). Well known. Per pkt., 15c; per oz., \$1.50.

Lentils. (*Ervum Lens*). Best Imported. Succeed best in dry, sandy soil; used for soups. Per lb., 15c.

Liquorice. (*Glycyrrhiza Glabra*). In pods. A perennial plant, the roots of which furnish the Liquorice of commerce. Per oz., 30c; lb., \$3.00.

Peanut. The peanut thrives and produces best on a light, sandy, tolerably fertile soil. They may be planted from March to May in the pod, or shelled, two in a hill; it is best to drop about four in a hill on the level ground, the rows being laid off three and a half feet wide, and the hills two feet asunder; cover them two or three inches. When they come up, thin them to two in a hill. They will produce from twenty-five to seventy-five bushels per acre, according to soil and culture. Virginian, per lb., 15c; 100 lbs., market price. California grown, per 100 lbs., market price.



Mammoth Russian Sunflower.

Poppy. OPIUM. The seed furnishes about thirty-five per cent. of an agreeable sweet oil, good for eating, painting and illuminating. Per oz., 20c; lb., \$1.00.

Pyrethrum Cinerariaefolium. The plant from which is made the Persian Insect Powder in Europe, or "Buhach" as made in California. Per pkt., 25c; per oz., \$1.00.

Ramie. SILVER CHINA GRASS. (*Urtica Nivea*). This is the variety now so extensively cultivated in the South for its fibre. Per oz., 75c; lb., \$9.00.

Scurvy Grass. (*Cochlearia Officinalis*). Used in salads same as Cress. A good antiscorbutic. Per oz., 25c.

Sunflower. (*Helianthus Annus*.) The Sunflower is rapidly acquiring a reputation as a valuable farm crop. Its seeds are superior food for poultry (said to improve the meat), and it has yielded forty bushels per acre.

Mammoth Russian. (See cut). Very large. Per lb., 15c; 100 lbs., market price.

BIRD SEED.

If required by mail, ten cents per pound must be added to prepay postage.

	Per lb.	3 lbs. for		Per lb.
Mixed Bird Seed.....	10c	25c	Maw, (Blue Poppy).....	20c
Mixed Canary and Rape.....	10c	25c	Lettuce Seed, for birds.....	25c
Canary.....	10c	25c	Cuttle Fish Bone.....	35c
Hemp.....	10c	25c	Rice, unhulled.....	25c
Millet, Italian.....	10c	25c	Millet, White French.....	20c
Rape, German Sweet.....	10c	25c	Sunflower..... 2 lbs., 25c	15c

Useful Tables for the Farmer and Planter.

SOWING TABLE FOR THE GARDEN.

QUANTITY OF SEED REQUIRED TO PRODUCE A GIVEN NUMBER OF PLANTS,
OR TO SOW A CERTAIN QUANTITY OF GROUND.

Artichoke.....	1 oz. to 500 plants	Melon, Water.....	1 oz. to 30 hills
Asparagus.....	1 oz. to 60 ft. of drill, 500 plants	Melon, Musk.....	1 oz. to 100 hills
Beans, Dwarf.....	1 lb. to 50 ft. of drill	Okra.....	1 oz. to 50 ft. of drill
Beans, Tall.....	1 lb. to 75 hills	Onion Seed.....	1 oz. to 100 ft. of drill
Beet.....	1 oz. to 50 ft. of drill	Onion, Top Sets.....	1 lb. to 30 ft. of row
Broccoli.....	1 oz. to 2000 plants	Onion, Bottom Sets.....	1 lb. to 30 ft. of row
Brussels Sprouts.....	1 oz. to 2000 plants	Parsnip.....	1 oz. to 100 ft. of drill
Cabbage.....	1 oz. to 2000 plants	Parsley.....	1 oz. to 100 ft. of drill
Carrot.....	1 oz. to 150 ft. of drill	Peas.....	1 lb. to 50 ft. of drill
Cauliflower.....	1 oz. to 2000 plants	Pepper.....	1 oz. to 1000 plants
Celery.....	1 oz. to 5000 plants	Pumpkin.....	1 oz. to 25 hills
Chicory.....	1 oz. to 100 ft. of drill	Radish.....	1 oz. to 50 ft. of drill
Corn.....	1 lb. to 150 hills	Salsify.....	1 oz. to 50 ft. of drill
Cress.....	1 oz. to 10 ft. of drill	Sage.....	1 oz. to 100 ft. of drill
Cucumber.....	1 oz. to 100 hills	Spinach.....	1 oz. to 50 ft. of drill
Egg Plant.....	1 oz. to 2000 plants	Squash, Early.....	1 oz. to 50 hills
Endive.....	1 oz. to 3000 plants	Squash, Winter.....	1 oz. to 15 hills
Kale.....	1 oz. to 2000 plants	Tomato.....	1 oz. to 3000 plants
Kohl-Rabi.....	1 oz. to 2000 plants	Tobacco.....	1 oz. to 10,000 plants
Leek.....	1 oz. to 100 ft. of drill	Turnip, Early.....	1 oz. to 75 ft. of drill
Lettuce.....	1 oz. to 5000 plants	Turnip, Rutabaga.....	1 oz. to 50 ft. of drill

NUMBER OF TREES OR PLANTS TO AN ACRE OF GROUND.

SET AT REGULAR DISTANCES APART.

Distance Apart.	No. of Plants.	Distance Apart.	No. of Plants.	Distance Apart.	No. of Plants.
3 inches by 4 inches	522,720	4½ feet by 4½ feet	2,150	14 feet by 14 feet	222
4 inches by 4 inches	392,040	5 feet by 1 foot	8,712	15 feet by 15 feet	193
6 inches by 6 inches	174,240	5 feet by 2 feet	4,356	16 feet by 16 feet	170
1 foot by 1 foot	13,560	5 feet by 3 feet	2,904	16½ feet by 16½ feet	160
1½ by 1½ feet	19,360	5 feet by 4 feet	2,178	17 feet by 17 feet	150
2 feet by 1 foot	21,780	5 feet by 5 feet	1,742	18 feet by 18 feet	134
2 feet by 2 feet	10,890	5½ feet by 5½ feet	1,440	19 feet by 19 feet	120
2½ feet by 2½ feet	6,960	6 feet by 6 feet	1,200	20 feet by 20 feet	108
3 feet by 1 foot	14,520	6½ feet by 6½ feet	1,031	25 feet by 25 feet	69
3 feet by 2 feet	7,260	7 feet by 7 feet	888	30 feet by 30 feet	48
3 feet by 3 feet	4,840	8 feet by 8 feet	680	33 feet by 33 feet	40
3½ feet by 3½ feet	3,555	9 feet by 9 feet	537	40 feet by 40 feet	27
4 feet by 1 foot	10,890	10 feet by 10 feet	435	50 feet by 50 feet	17
4 feet by 2 feet	5,445	11 feet by 11 feet	360	60 feet by 60 feet	12
4 feet by 3 feet	3,630	12 feet by 12 feet	302	66 feet by 66 feet	10
4 feet by 4 feet	2,722	13 feet by 13 feet	257		

RULE:—Multiply the distance in feet between the rows, by the distance the plants are apart, in the rows, and the product will be the number of square feet for each plant or hill; which, divided into the number of square feet in an acre (43,560) will give the number of plants or trees to the acre.

TABLE SHOWING THE QUANTITY OF SEED

USUALLY SOWN PER ACRE.

	Lbs. to the Acre.		Lbs. to the Acre.
Alfalfa	25 to 30	Grass, Red Top	30
Barley—broadcast	125 to 150	Grass, Timothy	20
Beans, dwarf or bush—hills	40	Grass, Mesquite	35
Beans, dwarf or bush—drills	80	Grass, Hungarian	25
Beans, Tall or Pole—hills	25	Millet	25
Beet, Garden	6	Hemp—broadcast	40 to 50
Beet, Sugar	15	Melon, Water—hills	2 to 3
Beet, Mangel Wurzel	6	Melon, Musk—hills	2
Broom Corn—drills	12	Oats—broadcast	80
Buckwheat—broadcast	45	Onion, for Dry Bulbs—drills	4
Cabbage—in beds to cover an acre after } transplanting	1 to 1½	Onion, for bottom sets	30
Carrot—drills	3	Parsnip—drills	5
Clover, Red alone—broadcast	15	Peas—drills	50 to 80
Clover, White alone—broadcast	10	Peas—broadcast	150
Clover, Alsike—broadcast	10	Potatoes—hills	500 to 600
Corn, Sweet or Field—hills	15	Pumpkin—hills	3
Corn, to cut green for fodder—drills or broadcast	125	Radish—drills	8
Cucumber—hills	1 to 2	Rye—broadcast	100
Flax (when wanted for seed)	30	Spinach—drills	10
Flax (when wanted for fibre)	50	Squash, Bush Varieties—hills	4
Grass, Kentucky Blue (for pasture)	50	Squash, Running varieties—hills	3
Grass, Kentucky Blue (for lawns)	150	Tomato—in beds to transplant	1½
Grass, Orchard	40	Turnip and Rutabaga—drills	2
Grass, English or Australian Rye (for meadow)	60	Turnip and Rutabaga—broadcast	3 to 4
Grass, English or Australian Rye (for lawns)	75	Vetches—broadcast	100
Grass, Italian Rye	30	Wheat—broadcast	100
		Wheat—drills	75

TABLE OF WEIGHTS.

SHOWING THE STANDARD WEIGHTS PER BUSHEL OF SOME OF THE MORE COMMON SEEDS.

Barley	48 lbs.	Flax	56 lbs.	Rye	56 lbs.
Beans	60 "	Hemp	44 "	Red Top Grass	14 "
Buckwheat	48 "	Hungarian Grass	48 "	Rape	50 "
Blue Grass	14 "	Millet	48 "	Timothy	45 "
Clover	60 "	Oats	32 "	Tares or Vetches	60 "
Corn	56 "	Peas	60 "	Wheat	60 "

TABLE SHOWING THE NUMBER OF PLANTS IN LENGTH FROM ONE FOOT TO ONE HUNDRED FEET APART.

(USEFUL FOR PLANTING HEDGES, WINDBREAKS, SHADE TREES, ETC.)

Distance Apart.	No. per Mile.	Distance Apart.	No. per Mile.	Distance Apart.	No. per Mile.
1 foot.....	5,280	15 feet.....	352	60 feet.....	88
2 feet.....	2,640	20 feet.....	264	65 feet.....	81
3 feet.....	1,760	25 feet.....	211	70 feet.....	75
4 feet.....	1,320	30 feet.....	176	75 feet.....	70
5 feet.....	1,056	35 feet.....	151	80 feet.....	66
6 feet.....	880	40 feet.....	132	85 feet.....	62
7 feet.....	754	45 feet.....	117	90 feet.....	58
8 feet.....	660	50 feet.....	105	95 feet.....	55
9 feet.....	586	55 feet.....	96	100 feet.....	52
10 feet.....	528				



Flower Seeds.



REMARKS ON SOWING AND CULTURE.—Among the Flowers which may be grown with a minimum amount of care and expense are those varieties which reproduce themselves from seeds. These are classed as Annuals, Biennials and Perennials, and these are subdivided into Hardy, Half Hardy and Tender varieties of each class. Hardy Annuals are those plants which may be sown in the open air. They grow, flower, produce seed and then die. Half Hardy Annuals are those varieties which require an even temperature of at least sixty degrees to germinate the seed, and will not stand frost; consequently must not be sown in the open ground during the fall or winter months, and not in spring till April. A good rule for those to follow who wish to sow this class is to wait for the proper weather and season in which to sow Corn, Melon or Pumpkin Seeds. These being Half Hardy Annual Vegetable Seeds, it follows that Half Hardy Annual Flower Seeds may be sown without risk at the same time.

Tender Annuals are those that require greenhouse protection, as Calceolaria, etc. The seeds are usually very fine, and it requires skill and care to raise them.

Hardy Biennials are those that flower the second year from sowing the seed and then die.

Hardy Perennials are among the finest of our border plants. They do not usually flower till the second year after sowing, but may be relied upon to produce larger clumps of flowers year by year for many years. Half Hardy Perennials are those which require some protection during the coldest weather as they will not stand frost. Tender Perennials are those species that require Greenhouse or other protection during the greater part of the year, as they are, generally speaking, natives of tropical countries.

The best time to sow Hardy Annuals is in the fall months, as they will make much stronger plants, and flower much more abundantly when wintered over. They may be sown in any finely prepared shady border, and transplanted, when large enough, to where they are to flower. Do not cover the seeds too deep. A good rule is to cover each seed its own depth with soil, at the same time taking care to water carefully. Never water so much that the soil gets "soggy" *i. e.* saturated: nor never let the top get dry. Most varieties will germinate within ten days.

They may also be sown any time during the spring months for summer blooming, care being taken to shade the young plants, after transplanting, in hot weather.

Half Hardy Annuals may be sown in April out of doors, or in boxes in March or earlier. If in boxes they should be covered, or removed under cover, during the night time, and during heavy rains. Those who have hot beds may sow the seed in February and grow the plants in three-inch pots, for planting out doors in April, thus gaining two months on those who have not this advantage. If sown in boxes, the boxes should have an inch of rough soil, or gravel, at the bottom for drainage; the remainder of the box should be filled within an inch of the top with sifted, light, rich soil, firmly pressed, and the seed should be sown, covered its own depth with soil, again pressed and watered. When the young plants are large enough to be handled, prick out into other boxes, planting them about one inch apart, and, when the weather permits, they should afterwards be planted in the open ground.

Tender Annuals should be sown as follows: Take a five or six inch flower pot, put an inch of drainage in the bottom, then two inches of finely sifted soil, firmly pressed, with a sprinkling of sand on top. Then sow the seed, and do not cover, but press it into the soil. Water with a very fine sprinkler, and cover the top of the pot with a sheet of glass. Remove the glass for an hour daily to dry up the damp. When seedlings appear, gradually harden them off to the air. As soon as they can be handled prick out in two inch pots, and shift again when necessary.

Hardy Biennials and Perennials should be sown in September. Many varieties, if sown then, will flower the next year. If sown in spring they will not flower till a year later. They may be sown in a shady border, and when large enough, transplanted to where they are to remain.

Half Hardy and Tender Perennials should be sown in boxes, and treated as recommended for Half Hardy Annuals, till plants appear, when they should be pricked into two inch pots, and shifted afterwards when necessary.

We have arranged our list of Flower Seeds, according to the various classes. Annuals (including separate lists of Ornamental Grasses, and Gourds, and Everlasting Flowers). Climbers, Annual and Perennial, and Biennials and Perennials in separate list.

ABBREVIATIONS: hh means Half Hardy, Annual or Perennial; t means Tender Annual or Perennial. Where no abbreviation is used, the variety will prove hardy in this climate; the letter b affixed to a variety, means that it is useful for bouquets and cut flowers.

All 5c pkts. at 50c per dozen.

All 10c " " \$1.00 "

All 15c " " 1.50 "

All 25c " " 2.50 "

20 per cent. discount for Cash allowed on all orders for Flower Seeds amounting to \$1 and upward.

ANNUALS.

	Per pkt.
Abronia Umbellata. Delicate rose; ht. $\frac{1}{4}$ ft.	5c
The "Sand" Verbena, beautiful native trailer.	
Adonis Flos. Crimson, with black eye;	
ht. 1 ft.	5c
The "Pheasant's Eye," a beautiful, showy, free flowering plant.	
Ageratum Mexicanum. Imp. Dwarf Blue;	
ht. $\frac{3}{4}$ ft.	5c
Imp. Dwarf White; ht. $\frac{3}{4}$ ft.	5c
Fine for bedding or mixed borders.	
Alonsoa Warscewiczii. Scarlet, very free blooming; ht. 2 ft.	5c
Alyssum Sweet. White; ht. $\frac{3}{4}$ ft.	5c
" " Compact, dwarf, white;	
ht. $\frac{1}{3}$ ft.	5c
Well known fragrant annuals. b.	
Amaranthus Melancholicus Ruber. hh.	
Blood Red; ht. 1 ft.	5c
Salicifolius, hh. [Fountain Plant]. Purple, crimson and gold; ht. 3 ft.	10c
Tricolor, hh, [Joseph's Coat]. Red, green, and yellow; ht. 1 ft.	5c
The Amaranthus are splendid plants to give a tropical effect in mixed Borders and Shrubbery. Plant in sunny places and poor soil.	
Anagallis. Mixed, various colors; ht. $\frac{1}{2}$ ft.	5c
The "Pimpernel;" free blooming, attractive plant for borders.	
Argemone. Mixed, white and yellow; ht. 2 ft.	5c
The "Mexican Poppy." Very showy.	
Arnebia cornuta. Yellow spotted with black or maroon; ht. $1\frac{1}{4}$ ft.	15c
The "Arabian Primrose." b.	
Aster. Dwarf Pyramidal Bouquet, mixed, ht. $\frac{3}{4}$ ft.	10c
Dwarf Chrysanthemum flowered, mixed; ht. 1 ft.	10c
Betteridge's Quilled, mixed; ht. $1\frac{1}{2}$ ft.	10c

	Per pkt.
Aster. Victoria, mixed; ht. $1\frac{1}{2}$ ft.	10c
" " White; ht. $1\frac{1}{2}$ ft.	10c
Truffaut's Peony flowered perfection, mixed; ht. $1\frac{1}{2}$ ft.	10c
Truffaut's Peony flowered perfection, white; ht. $1\frac{1}{2}$ ft.	10c
Cocardeau or Crown, (see cut), with white centers, mixed; ht. $1\frac{1}{2}$ ft.	10c



Cocardeau Aster.

Giant Emperor. Flowers 3 inches in diameter, mixed; ht. $1\frac{1}{2}$ ft.	10c
Washington, mixed; ht. $1\frac{1}{2}$ ft.	10c
Comet, mixed; ht. $1\frac{1}{2}$ ft.	10c
" White; ht. $1\frac{1}{2}$ ft.	10c
" Pink; ht. $1\frac{1}{2}$ ft.	10c
" Light blue; ht. $1\frac{1}{2}$ ft.	10c
Well known useful plants. b.	
Balsam. hh. Double Rose-flowered, mixed; ht. 2 ft.	10c
Camellia-flowered, mixed; ht. 2 ft.	10c
Dwarf, mixed; ht. 1 ft.	10c
Carnation-striped, mixed; ht. 2 ft.	10c
Solferino. White, Lilac and Scarlet; ht 2 ft.	10

- Per pkt.
- Bartonia Aurea Nana.** Yellow; ht. $\frac{1}{2}$ ft.... 5c
- Brachycome Iberidifolia.** Mixed; ht. $\frac{1}{2}$ ft. 5c
- "Swan River Daisies." Free blooming plants, with Cineraria-like flowers. Native of Western Australia.
- Browallia Elata.** hh. Mixed; ht. $1\frac{1}{2}$ ft.... 10c
- Cacalia Coccinea.** Scarlet; ht. $\frac{1}{2}$ ft..... 5c
- "Flora's Paint Brush," b.



Centaurea Margaritæ.

- Per pkt.
- Calandrinia Umbellata.** Vivid crimson, Portulaca-like plants, fond of sunshine, well suited for rock work; ht. $\frac{1}{4}$ ft..... 5c
- Calceolaria Hybrida Superba.** t. Beautifully blotched, mottled and striped; ht. $1\frac{1}{2}$ ft..... 50c
- The seed we offer has been hybridized by the best European cultivators, and is the most superb strain procurable. Sow in August.
- Calendula Officinalis.** "Meteor." Yellow, striped and bordered orange; ht. $1\frac{1}{2}$ ft.... 5c
- "Prince of Orange," ht. $\frac{3}{4}$ ft..... 5c
- "Pot Marigolds." Of easy culture. b.
- Calliopsis Bicolor.** Yellow and brown; ht. 2 ft..... 5c
- Coronata. Yellow, large flowered; ht. 2 ft.. 5c
- Fine Mixed, all colors; ht. 2 ft..... 5c
- Also called Coreopsis. b.
- Candytuft.** Purple; ht. 1 ft..... 5c
- Rocket, white; ht. 1 ft..... 5c
- White; ht. $\frac{3}{4}$ ft..... 5c
- White, fragrant; ht. 1 ft..... 5c
- Fine mixed, all colors; ht. 1 ft..... 5c
- Good for bedding in masses. b.
- Catchfly.** Fine mixed; ht. 1 ft..... 5c
- Celosia Cristata.** hh. Empress, dwarf, crimson, splendid; ht. $\frac{3}{4}$ ft..... 15c
- Glasgow Prize, crimson, (see cut); ht. 1 ft. 15c
- Finest mixed; ht. $\frac{3}{4}$ to 1 ft..... 10c

- Per pkt.
- Celosia Pyramidalis.** Mixed; ht. 2 ft..... 10c
- Celosia Cristata** is the Cockscorn. **Celosia Pyramidalis** is the feathered variety.
- Centaurea Cyanus.** Emperor William, sky blue; ht. 2 ft..... 5c
- Cyanus.** White; ht. 2 ft..... 5c
- " Red; ht. 2 ft..... 5c
- " Dark blue; ht. 2 ft..... 5c
- Cyanus, mixed;** ht. 2 ft..... 5c
- Margaritæ,** large, pure white flowers, about two inches in diameter, with the edge petals beautifully tubed and twisted; ht. $1\frac{1}{2}$ ft. b. (see cut)..... 15c
- Moschata,** white; ht. 2 ft..... 5c
- " purple. ht. 2 ft..... 5c
- Suaveolens,** yellow; ht. $1\frac{1}{2}$ ft..... 5c
- The last three mixed; ht. $1\frac{1}{2}$ to 2 ft 5c
- The **Cyanus** varieties are the well known Corn Flowers, b. The **Moschata** varieties and **Suaveolens** are the old fashioned Sweet Sultans; b.
- Centranthus.** Mixed. Various colors. Showy annuals, with valerian-like flowers, b; ht. 1 ft. 5c
- Chrysanthemum Tricolor Album.** White; ht. 2 ft..... 5c
- Tricolor Burridgeanum.** White with crimson ring; ht. 2 ft..... 5c
- Tricolor Double Mixed.** Various colors; ht. 2 ft..... 5c
- Tricolor W. E. Gladstone.** Rich crimson; ht. 2 ft..... 5c
- Coronarium.** Double white; ht. 2 ft..... 5c
- " Double yellow; ht. 2 ft..... 5c

[See also perennials]. The annual **Chrysanthemum** is rapidly rising in favor, being showier than the Marguerite, and of diverse colors. b.



Celosia Cristata, Glasgow Prize.

- Cineraria Hybrida.** t. Choice mixed; ht. 1 ft 50c
- [See also Perennials]. Valuable winter and spring flowering pot plants for window or greenhouse culture.

	Per pkt.		Per pkt.
Clarkia Elegans. Double rose; ht. 1½ ft.....	5c	Helianthus Nanus. Dwarf, double; ht. 3 ft.....	5c
Pulchella. Purple; ht. 1½ ft.....	5c	Ornamental Double varieties of the well-known Sunflower, good for backgrounds.	
“ Purple, double; ht. 1½ ft.....	5c	Hibiscus Africanus. Yellow, with dark center; ht. 2 ft.....	5c
Fine Mixed. All kinds; ht. 1½ ft.....	5c	[See also Perennials]	
Clintonia Pulchella. Blue, white and yellow; ht. ½ ft.....	5c	Ice Plant. [Mesembryanthemum Crystallinum]. White, trailer.....	5c
Pretty for rock work.		Kaulfussia Ameloides. Mixed; ht. 1 ft.....	5c
Collinsia Bicolor. Purple and white; ht. 1 ft.....	5c	“Cape Marguerite.” b.	
Convolvulus Minor. Mixed colors. Dwarf Morning Glory; ht 1 ft.....	5c	Larkspur. Dwarf Rocket, mixed; ht. 2 ft.....	5c
Corn Flower. [See Centaurea.]		Tall Stock-flowered, mixed; ht. 2½ ft.....	5c
Cosmos. Pure white; ht. 4 ft.....	5c	Lavatera Trimestris. Red; ht. 2 ft.....	5c
Pink; ht. 4 ft.....	5c	Leptosiphon Hybridus. Mixed; ht. ½ ft.....	5c
Purple; ht 4 ft.....	5c	Limnanthes Douglassii. Yellow; ht. ½ ft.....	5c
Fine Mixed; ht. 4 ft.....	5c	Sometimes called “Yellow Nemophila.”	
Mammoth Perfection, mixed; ht. 4 ft.....	10c	Linaria Bipartita Splendida. Dark purple; ht. 1 ft.....	5c
New Hybrid, White; ht. 4 ft.....	10c	“Toad Flax.” Small Snap Dragon-like flowers; purple, flecked with gold. [See also Perennials].	
“ “ Crimson; ht. 4 ft.....	10c		
“ “ Light pink; ht. 4 ft.....	10c		
“ “ Dark pink; ht. 4 ft.....	10c		
Showy flowers, of easy cultivation. b.			
Cosmidium Burrigeanum. Maroon and yellow, resembling Calliopsis, b. ht. 2 ft.....	5c		
Datura Huberiana. hh. Double mixed; ht. 3 ft.....	10c		
Echium Creticum. “Vipers’ Bugloss,” scarlet; ht. 3 ft.....	10c		
Eschscholtzia Californica. Yellow; ht. 1 ft.....	5c		
White and carmine; ht. 1 ft.....	10c		
Orange; ht. 1 ft.....	5c		
“ Double; ht. 1 ft.....	10c		
White; ht. 1 ft.....	5c		
“ double; ht 1 ft.....	10c		
Rose Cardinal. Rose; ht. 1 ft.....	10c		
Mandarin. Orange and Mandarin red; ht. 1 ft.....	10c		
Fine mixed, all sorts; ht. 1 ft.....	5c		
The well known “Californian Poppy.”			
Eutoca, Mixed. Various colors. b. ht. ½ ft.....	5c		
Fenzlia Dianthiflora. Pink and white; ht. ¼ ft.....	15c		
Gaura Lindheimeria. Rosy white; ht. 3 ft.....	10c		
Fine for masses or mixed borders.			
Gilia Tricolor. Violet, yellow, white; ht. 1 ft.....	5c		
Dwarf sorts. Mixed; ht. ½ ft.....	5c		
Godetia. Duchess of Albany. Large white; ht. 1½ ft.....	5c		
Lady Albemarle. Dark crimson; ht. 1½ ft.....	5c		
Rubicunda Splendens. Red; ht. 1½ ft.....	5c		
Amoena. Dark rose; native variety; ht. 1½ ft.....	5c		
The Bride. Crimson and white; ht. 1½ ft.....	5c		
Finest Mixed; ht. 1½ ft.....	5c		
Splendid, profuse blooming Annuals for borders and groups.			
Gypsophila Muralis. Rose; ht. ½ ft.....	5c		
Elegans. Rosy white; ht. 1½ ft.....	5c		
Very graceful, b. [See Perennials].			
Hawkweed. Mixed; ht. 1 ft.....	5c		
Helianthus Californicus. Double; ht. 6 ft.....	5c		
Globosus Fistulosus. Double quilled; ht. 6 ft.....	5c		



Marigold French.

Linum Grandiflorum Rubrum, Scarlet; ht. 1 ft.....	5c
“Scarlet Flax.” Unsurpassed for brilliancy and duration of bloom.	
Lobelia Erinus Erecta. Blue; ht. ½ ft.....	10c
Crystal Palace Compacta. Dark blue; ht. ½ ft.....	10c
“Emperor William.” Light blue, compact; ht. ½ ft.....	10c
Pretty plants for edging or hanging baskets. [See also Perennials].	
Love Lies Bleeding. Crimson; ht. 2 ft.....	5c
(Amaranthus Caudatus).	
Lupinus. Mixed annual varieties. b. ht. 2 to 3 ft.....	5c
Nanus. Dwarf, blue; ht. ½ ft.....	5c
[See also Perennials].	
Malope Grandiflora Purpurea. Reddish purple; ht. 2 ft.....	5c
Marigold, African. Lemon-colored; ht. 2 ft.....	5c
African, Orange; ht. 2 ft.....	5c
“ Mixed; ht. 2 ft.....	5c
French. Dwarf. Orange; ht. 1 ft.....	5c
“ Striped; ht. 1 ft.....	5c
“ Legion of Honor, golden yellow, marked with velvety brown; ht. ¾ ft.....	5c
French. Tall striped; ht. 2 ft.....	5c
“ Mixed, (see cut), ht. 1 ft.....	5c
Favorite showy plants for mixed borders. [See also Calendula].	

- Per pkt.
Matthiola Bicornis. Purple; ht. $\frac{1}{2}$ ft..... 5c
 The Night-scented Stock. Fragrant.
 X **Mesembryanthemum Tricolor.** Purple,
 rose and white, trailer..... 5c
 "Dew Plant," for edging, or rockwork.



Nasturtium. Dark Crimson.

- Mignonette, Sweet.** Greenish white; ht. $\frac{1}{2}$ ft..... 5c
 Large flowering, greenish white; ht. $\frac{3}{4}$ ft..... 5c
 Compact dwarf; ht. $\frac{1}{3}$ ft..... 5c
 Golden Queen; ht. 1 ft..... 10c
 Machet, fine for pot culture; ht. 1 ft..... 10c
 Miles's hybrid spiral, very large spikes; ht. 1 ft..... 10c
 Parson's White, fine long spikes; ht. 1 ft..... 10c
 The last four kinds are extra fine. b.



Phlox Drummondii, Large Flowering.

- Nasturtium, Tom Thumb.** Scarlet, ht. 1 ft 5c
 Cloth of Gold. Light scarlet, yellow foliage,
 ht. 1 ft..... 5c
 Dark Crimson. (See cut); ht. 1 ft..... 5c
 Empress of India. Dark leaves and crimson
 flowers; ht. $\frac{3}{4}$ ft..... 10c
 Golden King, dark foliage; ht. 1 ft..... 5c

- Per pkt.
King of Tom Thumbs. Dark foliage, scar-
 let flowers; ht. 1 ft..... 5c
King Theodore. Nearly black; ht. 1 ft..... 10c
Lilliput. New, the smallest variety known,
 various colors; ht. $\frac{1}{2}$ ft..... 10c
Pearl. White; ht. 1 ft..... 5c
Yellow; ht. 1 ft..... 5c
Finest mixed; ht. 1 ft..... 5c
 [For tall Nasturtiums, see Climbing Plants].
Nemophila Insignis. Beautiful sky blue,
 "Baby Blue Eyes;" ht. $\frac{1}{2}$ ft..... 5c
Maculata. Large, white with purple blotch;
 ht. $\frac{1}{2}$ ft..... 5c
Fine mixed; ht. $\frac{1}{2}$ ft..... 5c
 "Love Grove." Charming California annuals
 for borders.
Nicotiana Affinis. Ornamental tobacco.
 Large, white and fragrant; ht. 3 ft..... 10c



Tulip Poppy.

- Nigella Damascena.** Double, lavender blue;
 ht. 1 ft..... 5c
 "Love in a Mist," or "Devil in the Bush."
 Singular flowers, the upper petals being
 reflexed to resemble horns. b.
Nolana. Fine mixed, trailer..... 5c
Oxyura Chrysanthemoides. Yellow and
 white; ht. 1 ft..... 5c
Pansy. [See list of Perennials].
Perilla Nankinensis. hh. Very dark leaves;
 ht. $1\frac{1}{2}$ ft..... 5c
 Ornamental leaved plants, somewhat re-
 sembling dark-leaved Coleus.
Phlox Drummondii. White; ht. 1 ft..... 10c
 Double white; ht. 1 ft..... 15c
 Double yellow; ht. 1 ft..... 15c
 Bright scarlet; ht. 1 ft..... 10c

	Per pkt.
Red, with white eye; ht. 1 ft.....	10c
Rose, striped white; ht. 1 ft.....	10c
Pink; ht. 1 ft.....	10c
Fine mixed; ht. 1 ft.....	5c
Large flowering, fine mixed. (See cut). ht. 1 ft.....	10c
Very dwarf, Fireball, brilliant scarlet; ht. 1/2 ft.....	10c
Very dwarf. Extra fine, mixed; ht. 1/2 ft.....	10c
Cuspidata. "Star Phlox," mixed; ht. 1 ft.....	10c
Well known showy plants for bedding.	
Platystemon Californicus. Yellow; ht. 3/4 ft.....	5c
Poppy. Carnation, double mixed; ht. 2 to 3 ft.....	5c
Danebrog, scarlet, blotched white; ht. 2 ft.....	5c
French, or Ranunculus-fl'd. mixed; ht. 2 ft.....	5c
Mikado, white and crimson, double, fringed; ht. 2 ft.....	10c
Peony-flowered, fine mixed; ht. 2 to 3 ft.....	5c
Shirley, mixed, a distinct race, fine; ht. 2 ft.....	10c
Tulip. (Papaver glaucum). Scarlet. (See cut). ht. 1 1/4 ft.....	10c
Umbrosum. Double, scarlet crimson; ht. 1 1/2 ft.....	10c
[See also list of Perennials].	
Portulaca. Single. Yellow; ht. 1/2 ft.....	5c
White; ht. 1/2 ft.....	5c
Scarlet; ht. 1/2 ft.....	5c
Crimson; ht. 1/2 ft.....	5c
Mixed; ht. 1/2 ft.....	5c
Portulaca, Double. White; ht. 1/2 ft.....	10c
Golden; ht. 1/2 ft.....	10c
Pink; ht. 1/2 ft.....	10c
Scarlet; ht. 1/2 ft.....	10c
Mixed, finest quality; ht 1/2 ft.....	10c
For exhibiting a display of dazzling brilliancy the Portulaca is unrivalled. It revels in sunshine, and will stand quite a degree of drought.	
Ricinus Cambodgensis. Leaves and stems nearly black, very fine; ht. 5 ft.....	5c
Sanguineus. Blood red foliage; ht. 6 ft.....	5c
Ornamental Castor Beans.	
Salpiglossis. hh. Finest tall mixed; ht. 1 1/2 ft.....	10c
Flowers are somewhat like Petunias, with veined, velvety surface, b.	
Sanvitalia, Procumbens. Single yellow Tr.....	5c
Double yellow, Trailer.....	5c
Profuse blooming trailing plants for beds, rock-work, etc. Sometimes called the "Trailing Sunflower."	
Saponaria Calabrica. Pink; ht. 1/2 ft.....	5c
The Calabrian Pink or "Soapwort."	
Schizanthus Pinnatus. Blue; ht. 1 1/2 ft.....	5c
Grahami. Lilac and yellow; ht. 1 1/2 ft.....	5c
Finest mixed; ht. 1 1/2 ft.....	5c
Of much interest and beauty, the flowers being beautifully marked, after the style of some orchids.	
Senecio, or Jacobea. Double mixed; ht. 1 ft.....	10c
"American Groundsel." Showy flowers, succeeding well in any soil. b.	

	Per pkt.
Silene Pendula Compacta. Red; ht. 3/4 ft.....	5c
Compacta, double, red; ht. 3/4 ft.....	5c
Fine for bedding or edging.	
Statice Suworowi. Bright rose, large spikes, b. ht. 1 1/2 ft.....	10c
[See also Perennials].	



Stocks, Ten-Week.

Stocks. Ten-week. Dwarf Bouquet. Finest mixed, (see cut), ht. 1 ft.....	10c
Large flowered. Finest mixed; ht. 1 ft.....	10c
Wallflower leaved. Finest mixed; ht. 1 ft.....	15c
" Snowflake, pure white; ht. 1 ft.....	15c
Giant Perfection. White; ht. 2 ft.....	15c
" " Flesh color; ht. 2 ft.....	15c
" " Light blue; ht. 2 ft.....	15c
" " Dark blue; ht. 2 ft.....	15c
" " Mixed; ht. 2 ft.....	10c

[For Intermediate, Brompton and other Stocks, see Perennials]. The Stocks offered above are imported from a leading German firm. The seed is saved from pot grown plants, and may be relied upon to produce nearly all double flowers. b.

Sunflower. See Helianthus.

Sweet Sultan. See Centaurea.

Sweet Peas. See list of climbers.

Tagetes Signata Pumila. Yellow striped brown, fine for bedding; ht. 3/4 ft.....	5c
--	----

Venus' Looking Glass. Blue; ht. 3/4 ft.....	5c
Pretty bell-shaped flowers, blooming profusely, well adapted for edgings and hanging baskets.	

Venus' Navelwort. White; ht. 1 ft.....	5c
Virginian Stock, Red; ht. 1/2 ft.....	5c
" " White; ht. 1/2 ft.....	5c
" " Mixed; ht. 1/2 ft.....	5c

Viscaria Cœlirosea. "Rose of Heaven;" pink; ht. 3/4 ft.....	5c
Elegans Pieta. Rose and scarlet; ht. 1 ft.....	5c
Oculata. Rose, dark eye; ht. 1 ft.....	5c
Whitlavia Grandiflora. Violet; ht. 1/2 ft.....	5c
Gloxinioides. White and blue; ht. 1/2 ft.....	5c
Zinnia. Finest double mixed, ht. 2 ft.....	5c
Dwarf mixed; ht. 1 ft.....	5c
New Giant mixed; ht. 3 ft.....	10c
Haageana, fl. pl. double yellow, ht. 1 ft.....	10c
"Youth and Old Age." Of great beauty and variety of color. b.	

SEEDS OF EVERLASTING FLOWERS.

These are greatly admired and highly prized for Winter Bouquets. They should be cut when partially expanded, and hung with the heads downward till thoroughly dry. a.—Annual. p.—Perennial.

	Per pkt.
Acroclinium. a. Single white; ht. 1 ft	5c
Pink; ht. 1 ft.....	5c
Mixed; ht. 1 ft	5c
Double white, fifty per cent double flowers; ht. 1 ft.....	10c
Pink. (See cut.) Fifty per cent double flowers; ht. 1 ft.....	10c
Ammobium alatum. a. White; ht. 1 ft	5c
Globe Amaranthus a. Purple; ht. 1 ft	5c
White; ht. 1 ft	5c
Fine mixed; ht. 1 ft.....	5c
Gnaphalium Leontopodium. p. White; ht. 1/2 ft	15c
The true "Alpine Edelweiss."	
Helichrysum. (Straw Flower). a. Tall double pink; ht. 2 ft.....	10c
Tall double white; ht. 2 ft.....	10c
" " mixed; ht. 2 ft.....	10c
Rhodanthe Maculata. a. Pink; ht. 1 ft.....	10c
Alba. White; ht. 1 ft.....	10c
Manglesii. Bright rose; ht. 1 ft.....	10c



Acroclinium Double Pink.

	Per pkt.
Mixed; ht. 1 ft.....	10c
Xeranthemum. a. Double mixed; ht. 2 ft	5c

ORNAMENTAL GOURDS AND CUCURBITACEAE.

These are nearly all Climbing Annuals, with curious grotesque fruits. When dried many of the shells may be utilized for various purposes, as for dippers, drinking utensils, troughs, etc. They grow rapidly in hot weather, and are very useful for screening unsightly objects. hh a.

	Per pkt.
Abobra Viridiflora. Greenish flowers; a tuberous perennial gourd, with pretty scarlet fruits; ht. 6 ft.....	10c
Bryonopsis Laciniola Erythrocarpa. Very ornamental, with pleasing cut foliage, and bright colored fruits; ht. 5 ft	10c
Cucumber, Snake. (Cucumis flexuosus); ht. 6 ft.....	10c
Fragrant, or Pomegranate Melon; ht. 4 ft.....	10c
Wild. Very curious; ht. 4 ft.....	10c
Gourd, Bottle-shaped. White flowers; ht. 10 ft.....	10c
Calabash-shaped; ht. 10 ft	10c
Dipper; ht. 10 ft.....	10c
Dishrag. When properly prepared this is very serviceable in many ways; ht. 6 ft....	10c
Egg-shaped "Nest Egg;" ht. 10 ft.....	10c

	Per pkt.
Gooseberry, smallest; ht. 6 ft.....	10c
Hercules' Club. Fruits 7 to 8 ft. in length; ht. 15 ft	10c
Orange-shaped, (Mock Orange); ht. 15 ft....	10c
Pear-shaped; ht. 10 ft	10c
Serpent. (Trichosanthes Colubrina). Very long and coiled; ht. 10 ft.....	10c
Small Lemon-shaped; ht. 8 ft.....	10c
Sugar Trough. Enormous, holding several gallons; ht. 15 ft.....	10c
Momordica Balsamina. "Balsam Apple;" ht. 6 ft.....	10c
Charantia. "Balsam Pear;" ht. 5 ft.....	10c
The Momordicas are very handsome. The fruits burst when ripe, exposing the bright orange scarlet interior, which resembles a handsome flower.	
Ornamental Gourds. Finest mixed kinds	10c

SEEDS OF CLIMBING PLANTS.

a.—Annual. p.—Perennial.

	Per pkt.
Adlumia Cirrhosa. p. Pink; ht. 8 ft.....	10c
The graceful "Allegheny Vine," also called "Mountain Fringe."	
Ampelopsis Quinquefolia. p. Good fol- iage; ht. 50 ft.....	10c

	Per pkt.
Veitchii. p. (Japan Ivy); ht. 50 ft.....	10c
The well known "Virginia Creeper."	
Antigonon Leptopus. p. Rose	15c
One of the most elegant climbers known. Native of Mexico.	

	Per pkt.
Aristolochia Elegans. hhp. Chocolate and purple; ht. 30 ft.....	10c
Sipho. p. Yellow and brown; ht. 40 ft.....	10c
The latter is called the "Dutchman's Pipe."	
Very odd looking and interesting.	
Balloon Vine, hha. White and green, ht. 10 ft.....	10c
Bears a pretty inflated capsule.	
Bignonia Radicans. p. Orange scarlet; ht. 15 ft.....	10c
Kämpferii. p. Purple; ht. 15 ft.....	10c
Stans (Tecoma), p. Orange, distinct foliage; ht. 10 ft.....	15c
Tweediana. p. Bright yellow, trumpet vine. Evergreen; ht. 20 ft.....	15c
"Trumpet vines," sometimes classed with Tecomas; robust, hardy climbers. Very ornamental.	
Canary Bird Flower, hha. Yellow; ht. 8 ft. 10c	
(Tropæolum Peregrinum). A charming annual vine, with delicate foliage.	
Clematis Flammula, p. White; ht. 10 ft.....	10c
Viticella, p. Purple; ht. 10 ft.....	10c
Jackman's New Hybrids, p. Mixed; ht. 10 ft.....	25c
The "Virgin's Bower," well known, profuse blooming climbers. The seed requires several months to germinate.	
Clianthus Puniceus, p. Bright scarlet; ht. 6 ft.....	15c
"New Zealand Glory Pea." A very handsome climber.	
Clitoria Ternatea, hhp. Blue; ht. 6 ft.....	15c
Cobea Scandens, p. Purple; ht. 20 ft.....	10c
Alba, p. White; ht. 20 ft.....	10c
Rapid growing climbers, with bell-shaped flowers.	
Convolvulus Major, a. Blue; ht. 10 ft.....	5c
Crimson; ht. 10 ft.....	5c
Pink; ht. 10 ft.....	5c
Striped; ht. 10 ft.....	5c
White; ht. 10 ft.....	5c
Mixed; ht. 10 ft.....	5c
Aureus Superbus. Yellow. Very fine and rare; ht. 8 ft.....	15c
The well-known "Morning Glories."	
Cypress Vine. Scarlet, hha. ht. 8 ft.....	5c
White, hha. ht. 8 ft.....	5c
Mixed; ht. 8 ft.....	5c
(Ipomea Quamoelit). Well known climbers, with handsome delicate foliage.	
Dolichos Lablab, hha. Mixed; ht. 8 ft.....	5c
Lignosus, p. "Australian Pea Vine," rose and purple, one of the best climbers, for a hot, dry climate; ht. 15 ft.....	10c
Eccremocarpus Scaber, p. Orange; ht. 6 ft.....	10c
Very valuable to cover trellises.	
Humulus Japonicus. a. ht. 20 ft.....	10c
(Japanese Hop). A beautiful climber, which may be sown in open ground in spring, attaining immense proportions in a short time.	

	Per pkt.
Imperial Japanese Morning Glory hha. Mixed, all colors, very large; ht. 30 ft.....	10c
Ipomea, Heavenly Blue, hha. Light blue; ht. 15 ft.....	15c
Learii. "Blue Moon-flower," splendid. p. ht. 25 ft.....	15c
Mexicana Grandiflora Alba. "True White Moon-flower," hhp. ht. 15 ft.....	15c
Kennedya Bimaculata Grandiflora, p. Purple; ht. 10 ft.....	15c
Lathyrus Latifolius. p. Mixed, rose and white; ht. 6 ft.....	5c
The "Everlasting Pea."	
Loasa Aurantiaca, hha. Golden yellow; ht. 6 ft.....	10c
The "Chilian Nettle" plant, with beautiful and interesting flowers. Must be handled with gloves, as the leaves sting.	



Mina Lobata.

Lonicera Tartarica, p. (Tartarian Honey-suckle). Rose; ht. 6 ft.....	10c
Mandevilla Suaveolens, p. White; ht. 15 ft.....	10c
"Chili Jasmine." Very fragrant.	
Maurandya, hhp. White; ht. 8 ft.....	10c
Purple; ht. 8 ft.....	10c
Fine mixed; ht. 8 ft.....	10c
Mina Lobata. Red, yellow and white, ta. (see cut), ht. 15 ft.....	10c
Sanguinea. Blood red, ta. ht. 15 ft.....	15c
Very showy, great favorites in this section.	
Nasturtium, Tall. a. Scarlet; ht. 6 ft.....	5c
Orange; ht. 6 ft.....	5c
Dark crimson; ht. 6 ft.....	5c
Scarlet striped; ht. 6 ft.....	5c
Finest mixed; ht. 6 ft.....	5c

	Per pkt.
Passiflora <i>Cardinalis</i> , hhp. Scarlet; ht. 8 ft	25c
<i>Cœrulea</i> , p. Blue; ht. 8 ft	25c
<i>Edulis</i> . Edible, p. Mauve; ht. 8 ft	25c
<i>Fulgens</i> . Red, hhp. ht. 8 ft	25c
<i>Princeps coccinea</i> . Scarlet, hhp. ht. 6 ft	25c
<i>Quadrangularis</i> , hhp. (<i>Macrocarpa</i>) (<i>Large Granadilla</i>); ht. 10 ft	25c
<i>Trifasciata</i> , hhp. Three angled stem, edible; ht. 8 ft	25c
Fine mixed; ht. 6 to 8 ft	25c
The above collection comprises all the most beautiful and useful varieties of "Passion Flowers."	
Phaseolus <i>Caracalla</i> . hhp. Lilac, purple and white; the "Snail Vine," very beautiful and interesting; ht. 8 ft	10c
Smilax . p. Bulb; white; very useful for festooning, etc.; ht. 6 ft	10c
Sollya <i>Heterophylla</i> . hhp. "Climbing Blue Bell." A pretty climber, with charming intense blue flowers; ht. 6 ft	15c

SWEET PEAS.

Sweet Peas . <i>America</i> . White ground, striped with blood red.	
Apple Blossom. Bright rose and pink.	
Blanche Burpee. Pure white, very large.	
Blanche Ferry. Pink and white.	
Blushing Beauty. Fine delicate pink.	
Boreatton. Very dark crimson.	
Butterfly. White and lilac.	
Captain of the Blues. Purple and light blue.	
Cardinal. Crimson scarlet.	
Countess of Radnor. Delicate lavender.	
Dorothy Tennant. Deep rosy mauve.	
Duke of Clarence. Brilliant shade of rosy claret.	
Emily Henderson. Pure white, very fine.	
Gray Friar. Beautiful watered purple on white ground.	
Indigo King. Purple and indigo blue.	
Invincible Scarlet. Bright scarlet.	
Katherine Tracy. Brilliant pink, large.	
Lottie Eckford. White, edged lavender.	
Miss Hunt. Carmine salmon and soft pink.	
Mrs. Eckford. White and primrose.	
Mrs. Gladstone. Delicate pink.	

Mrs. Joseph Chamberlain. Bright rose striped on white ground.	
Orange Prince. Orange pink suffused with scarlet.	
Primrose. Pale primrose yellow.	
Princess Victoria. Standard bright scarlet, wings rosy mauve.	
Princess of Wales. White, striped with mauve.	
Queen of England. Very large, pure white.	
Stanley. Rich dark maroon, the best dark variety.	
The above varieties 5c per pkt.; 50c per dozen pkts.; 15c per oz.; 35c $\frac{1}{4}$ lb; \$1 lb. The whole collection of 28 varieties, 1 pkt. of each, mailed free for \$1.	
Eckford's Large Flowering Mixed, from 20 named varieties, 5c per pkt.; 10c per oz.; 25c $\frac{1}{4}$ lb; 75c lb.	
Cupid Dwarf, pure white; ht 6 in.; per pkt. 10c.	
For Pink Cupid see Novelty List.	

	Per pkt.
Tacsonia , hhp. <i>Exoniensis</i> . Light red; ht. 6 ft	25c
<i>Ignea</i> . Fiery red; ht. 6 ft	25c
<i>Van Volxemi</i> . Dazzling scarlet; ht. 6 ft	25c
<i>Mollissima</i> . Pink; ht 6 ft	25c
Mixed; ht. 6 ft	25c
Beautiful climbers, resembling <i>Passifloras</i> in foliage and flowers, colors varying from pink to crimson. Very ornamental.	
Thunbergia <i>Alata</i> . hha. Mixed. White and yellow; ht. 6 ft	10c
Free bloomers of rapid growth; flowers of white and yellow shades, with striking black centre.	
Tropaeolum <i>Lobbianum</i> . Spitfire. a. Vivid scarlet; ht. 6 ft	5c
Finest Mixed. a. All colors; ht. 6 ft	5c
Useful climbers, which may be pegged down and used for bedding purposes. May also be grown in pots for winter flowering. Colors dazzlingly brilliant.	
Wistaria <i>Sinensis</i> . p. Light blue; ht 50 ft	25c
A charming old fashioned hardy climber, producing its pale blue flowers in large clusters in early spring.	

PERENNIALS.

	Per pkt.
Alyssum <i>Saxatile</i> . Beautiful yellow; ht. $\frac{3}{4}$ ft	5c
Fine for borders or rock work. b.	
Anchusa <i>Capensis</i> . Azure blue; ht. $1\frac{1}{2}$ ft	5c
"Cape Alkanet" free blooming biennial. b.	
Anemone <i>Coronaria</i> . Mixed; ht. $\frac{1}{2}$ ft	10c
The "Windflower." Beautiful early spring flowering plants.	
Antirrhinum <i>Majus</i> . Tall mixed; ht 2 ft	5c
Dwarf, mixed; ht. 1 ft	5c
Tom Thumb, mixed; ht. $\frac{3}{4}$ ft	5c

	Per pkt.
"Snapdragons," Hardy Perennials, flowering the first year, unsurpassed for borders. b.	
Aquilegia <i>Chrysantha</i> , yellow; ht. $1\frac{1}{2}$ ft	10c
Double mixed hybrids, very fine; ht. $1\frac{1}{2}$ ft.	
Single Mixed; ht. $1\frac{1}{2}$ ft	5c
"Columbines." Handsome hardy perennials, indispensable as decorative border plants. b.	
Arabis <i>Alpina</i> . White; ht. $\frac{1}{2}$ ft	5c
"Rock Cress," useful for rockwork.	
Asperula <i>Odorata</i> . White; ht. $\frac{1}{2}$ ft	10c
"Woodruff," very fragrant.	



Per pkt.

Aster. Perennial varieties, finest mixed.
"Michaelmas Daisies;" ht. 3 ft. 10c

Auricula. Finest English hybrids; ht. 1/2 ft 25c
From the finest English collection. Fine deep colors, variously margined. Good for pot culture.

Begonia. t. Tuberous rooted, splendid mixed, single and double; ht. 1 1/2 ft. 50c
Begonia, Rex. Ornamental leaved, finest mixed; ht. 1 ft. 50c
Splendid decorative plants, suitable for pot culture. The tubers of the first named variety should be shaken out of the pots and kept in a dry, warm place during the winter.

Bellis Perennis. fl. pl. Mixed, double, fine, (see cut); ht. 1/4 ft. 10c
Longfellow. Large rose; ht. 1/4 ft. 15c
Quilled. Mixed, fine; ht. 1/4 ft. 15c
Snowball, double white; ht. 1/4 ft. 15c
" red; ht. 1/4 ft. 15c
The popular double English Daisies. Very useful for edgings.

Bocconia Japonica. White; ht. 4 ft. 10c
Cordata. Buff; ht. 6 to 10 ft. 15c
Very ornamental, planted as single specimens, or in groups on lawns.

Cactns. Finest mixed; ht. 1/2 to 4 ft. 15c
Saved from the best and most distinct species.

Campanula Carpatia. Blue; ht 1/2 ft. 5c
Pyramidalis. Blue; ht. 3 ft. 5c
Fine mixed, perennial; ht. 1 to 3 ft. 5c
See also "Canterbury Bells."
"Bell Flowers." Hardy plants, well suited for mixed borders.

Per pkt.

Canna. New French hybrids, mixed; ht.
4 ft. 10c
"Indian Shot." Handsome plants for lawn decoration and for back grounds. Soak the seed in tepid water for twenty-four hours before sowing.

Canterbury Bells. Single blue; ht. 2 ft. 5c
Single White; ht. 2 ft. 5c
" Striped; ht. 2 ft. 5c
" Mixed; ht. 2 ft. 5c
Double white; ht. 2 ft. 10c
" Rose; ht. 2 ft. 10c
" Blue; ht. 2 ft. 10c
" Mixed; ht. 2 ft. 10c
Calycanthema mixed; ht. 2 ft. 10c

Very handsome border perennials of great utility, and deservedly popular favorites. The last two kinds are of great beauty, the calyx being of the same color as the flower. They are called "Hose in Hose," or "Cup and Saucer," Canterbury Bells, b.

Carnation. Finest German mixed; ht.
1 1/2 ft. 25c
Redondo mixed; ht. 1 1/2 ft. 15c
Perpetual, or Tree, very fine; ht. 2 ft. 25c
Grenadin; early dwarf, red; ht. 1/2 ft. 15c
Marguerite. Mixed. Will commence flowering within four months from the time of coming up, (see cut); ht. 1 1/2 ft. 15c
Our collection comprises the most richly scented and beautifully marked varieties, b.

Centaurea Candidissima. White foliage;
ht. 1 ft. 10c
Gymnocarpa; ht. 1 ft. 10c
The "Dusty Miller." Fine plants for ribbon beds or borders.

Cerastium Tomentosum, White leaves, trailer 15c
"Jerusalem Star." Useful for edgings and rock work.



Bellis Perennis.



Coreopsis Lanceolata.

- Chrysanthemum Frutescens.** White yellow-eye (Paris Daisy); ht. 2 ft. 10c
Indicum. Chinese, mixed; ht. 3 ft. 10c
Nanum (Pompone), mixed; ht. 2 ft. 10c
Japonicum (Japanese), mixed; ht. 3 ft. 10c
 Chrysanthemum Frutescens is the well-known "Paris Daisy," or "Marguerite." The other kinds are the Chinese and Japanese varieties, so extensively grown and used during the fall months. b.
- Cineraria Maritima Candidissima:** ht. 1 ft 10c
 Silvery foliage, very useful for ribbon beds and borders.
- Clanthus Dampierii.** Scarlet with black center: ht. 4 ft. 15c
 The Australian "Desert Pea." A magnificent flower. Water sparingly after sowing.
- Coletus.** t. Finest mixed; ht. 2 ft. 15c
 New, large leaved, very fine; ht. 2 ft. 25c
 Ornamental decorative leaved plants, fine for house decoration or sub-tropical gardening.
- Convolvulus Mauritanicus.** Lavender. Tr 10c
 Hardy perennial for hanging basket, with flowers of bright metallic lustre.
- Coreopsis Lanceolata.** Yellow with chocolate centre (see cut); ht. 2 ft. 10c
 A native plant, with lance-shaped leaves and showy bright flowers two or three inches in diameter.
- Cuphea Platycentra.** Scarlet and black; ht 2 ft. 10c
 The "Cigar Plant," pretty tubular flowers.

Per pkt.

- Cyclamen.** hh. bulb. Persicum, fine mixed, white and pink; ht 1½ ft. 25c
Cyclamen. hh. bulb. Persicum Giganteum, fine mixed, white and pink; ht. ¾ ft. 25c
 Charming winter flowering house plants.
 Our seed is the finest European strain.
- Daisy,** see Bellis.
- Dahlia.** hh. Large flowered. Double. Best quality mixed; ht. 5 ft. 15c
Cactus. hh. Mixed colors; ht. 4 ft. 15c
Dahlia. hh. Pompone. Small bouquet, mixed; ht. 4 ft. 15c
Dahlia. hh. Single mixed; ht. 5 ft. 10c
 The Cactus and Single Dahlias are becoming very popular. b.
- Delphinium.** Cashmerianum. Dark blue: ht. 4 ft. 10c
Cardinale. (Scarlet Larkspur). Bright scarlet; ht. 5 ft. 10c
Elatum. Mixed. (Bee Larkspur); ht. 3 ft 10c
Formosum. Bright blue; ht. 4 ft. 10c
 "Perennial Larkspurs." Fine border plants of brilliant colors.
- Dianthus Chinensis.** Double mixed; ht. 1 ft. 10c
Heddwigii. Fine mixed; ht. 1 ft. 10c
Heddwigii. Crimson Belle, dark crimson; ht. 1 ft. 10c
Diadematus. ["Double Diadem Pink"] ht. 1 ft. 10c
Laciniatus. Single mixed; ht. 1 ft. 10c
Laciniatus. Double mixed; ht. 1 ft. 10c
Imperialis. [Double Imperial Pink.] Mixed; ht. 1 ft. 10c
Hybridus. Double mixed; ht. 1 ft. 10c
 "China Pinks." Very free flowering and showy. b.
- Digitalis Gloxinioides.** Fine mixed; ht. 3 ft 5c
 "Foxgloves," bearing fine spikes of variously spotted and blotched flowers for borders and shrubbery.
- Dodecatheon Media.** Lilac; ht. ½ ft. 10c
 "American Cowslip." Fine for rock work, etc.
- Echeveria Metallica.** Red; ht. ¼ ft. 25c
 "Live - for - Ever." Handsome, succulent plant for edgings, with metallic lustre on leaves.
- Erpetion Reniforme.** (Viola Hederacea). Blue; ht. ½ ft. 25c
 "Australian Pansy," a pretty tufted plant with kidney-shaped leaves and blue flowers, rare and curious.
- Erythrina Crista Galli.** Dark red; ht. 6 ft. 25c
 "Coral Tree." Handsome decorative plant for shrubbery, etc.
- Evening Primrose.** Yellow; ht 3 ft. 5c
 Very showy for mixed borders and shrubbery.

	Per pkt.
Ferns. All species mixed; ht. $\frac{1}{2}$ to 2 ft.....	25c
Saved from the choicest varieties.	
Forget-Me-Not. See <i>Myosotis</i> .	
Fraxinella. Red; ht. 2 ft.....	10c
The "Burning Brush," very handsome. The seed is slow to germinate.	
French Honeysuckle. Red and white mixed; ht. 3 ft.....	5c
<i>Hedysarum Coronarium.</i> Hardy, profuse blooming. Succeeds well near the sea-side. Not to be confounded with the climbing Honeysuckle, as it is quite a distinct species.	
Fuchsia Hybrida. Single, finest mixed, hh. ht. 3 ft.....	25c
Double, finest mixed, hh. ht. 3 ft.....	50c
Favorite flowering shrubs. Seeds from the finest named varieties.	
Gaillardia Pieta. Red and yellow, ht. $1\frac{1}{2}$ ft.....	5c
<i>Lorenziana.</i> Double, mixed colors, ht. $1\frac{1}{2}$ ft. (see cut)	10c



Gaillardia Lorenziana.

<i>Grandiflora.</i> Splendid mixed; ht. 2 ft.....	10c
“ <i>Maxima.</i> Golden yellow; ht. 2 ft	10c
The "Blanket" flower. Very showy border plants, b.	
Gazania Splendens. Orange; trailer.....	10c
"Black-eyed Susan." A very showy border plant.	
Gentiana Acaulis. Intense blue; ht. $\frac{1}{4}$ ft.	10c
An Alpine plant of great beauty, fine for borders and rockwork.	
Geranium. Apple scented. Very fragrant; ht. $1\frac{1}{2}$ ft.....	25c
Double Zonale. Finest mixed; ht. 3 ft.....	25c
Single Zonale. Finest mixed; ht. 5 to 6 ft.	15c
Ivy Leaved. Finest mixed; trailer.....	25c
Tricolor, gold and bronze leaves; ht. 2 ft.....	50c
[See <i>Pelargonium</i> for show varieties]. Seed saved from best varieties of all the kinds, b.	

	Per pkt.
Geum Coccineum. Scarlet; ht. 2 ft.....	10c
"Scarlet Avens." A Chilean plant of great beauty, very useful in mixed borders.	
Gladiolus Gandavensis. Splendid mixed; ht. 3 ft.....	10c
<i>Lemoinei.</i> Hardy varieties, mixed; ht. 2 ft.....	10c
Hardy bulbous plants, universally known and admired.	
Gloxinia Hybrida, t. Finest mixed; ht. 1 ft.	25c
A beautiful greenhouse perennial bulb. Seed saved from the finest erect and drooping varieties.	
Gypsophila Paniculata. White; ht. $1\frac{1}{2}$ ft.....	5c
Very graceful, flowering in panicles, and excellent for cut flowers, b.	
Heliotropium. Finest mixed; ht. 6 ft.....	10c
"Cherry Pie." Deliciously fragrant, also fine for pot culture, b.	
Heuchera Sanguinea. Crimson, ht. 1 ft.	15c
Allied to the <i>Saxifragas</i> , very graceful, valuable for cut flowers, b.	
Hibiscus Coccineus. Scarlet; ht. 5 ft.....	10c
<i>Roseus Grandiflorus.</i> Pink; ht. 4 ft.....	10c
Well known showy perennial shrubs with brilliant flowers.	
Hollyhock. Finest double German mixed; ht. 5 ft.....	10c
<i>Chater's</i> superb double mixed English; ht. 5 ft.....	10c
“ “ double white; ht. 5 ft.....	10c
“ “ “ “ shaded rose; ht. 5 ft.....	10c
<i>Chater's</i> superb double white shaded purple; ht. 5 ft.....	10c
<i>Chater's</i> superb double crimson; ht. 5 ft.....	10c
“ “ “ “ cream shaded purple; ht. 5 ft.....	10c
<i>Chater's</i> superb double maroon; ht. 5 ft.....	10c
“ “ “ “ pink; ht. 5 ft.....	10c
“ “ “ “ salmon rose; ht. 5 ft.....	10c
“ “ “ “ yellow; ht. 5 ft.....	10c
Favorite hardy perennials. Will flower the first season if sown early.	
Honesty. Purple. A biennial; ht. $1\frac{1}{2}$ ft.	10c
Interesting in a dried state, the membranous lining of the seed pod making a handsome ornament to winter bouquet, b.	
Hunnemannia Fumariæfolia. Yellow; ht. 1 ft.....	10c
A showy plant belonging to the Poppy family.	
Hyacinthus Candicans; ht. 3 ft.....	10c
A bulbous plant, throwing up a spike bearing twenty to thirty Yucca-like flowers, pure white and fragrant.	
Iberis Gibraltaria. White, suffused with rose; ht 1 ft.....	10c
<i>Sempervirens.</i> White; ht. 1 ft.....	10c
"Perennial Candytuft." Early spring flowering plants, good for borders and rock work, b.	

	Per pkt.
Ipomopsis. Fine mixed. Biennial; ht. 3 ft	10c
"Texas Plumes." Showy scarlet and gold pyramidal blossoms and feathery foliage.	
Lantana. Finest mixed; ht. 4 ft	10c
White, rose, and yellow particolored fragrant flowers like the Heliotrope in form, b.	
Lasiandra Macrantha. Blue; ht. 6 ft	25c
One of the finest autumn flowering evergreen shrubs, producing flowers abundantly three to four inches across of a rich violet blue.	
Lavender. Blue; a hardy shrub, well known and esteemed for its delicious fragrance; ht. 3 ft	5c
Linaria Cymbalaria. "Kenilworth Ivy." White; very pretty for rockwork and hanging baskets; trailer	10c
Lobelia Cardinalis. "Cardinal Flower." A handsome border plant with bronze foliage, and brilliant scarlet flowers; ht. 2 ft	10c
Lupinus. Mixed, all colors, b; ht. 1 to 4 ft	5c
Lychnis Chaleedonica. Bright scarlet; 2 ft	5c
All kinds mixed; ht. 2 ft	
"Jerusalem Cross." Favorite hardy plants for borders and shrubbery. b.	
Marvel of Peru. "Four O'clocks." Finest mixed; this well known plant has few rivals for beauty, expanding in the afternoon and continuing open all night; ht. 2 ft	5c
Matricaria Eximia. "Feverfew." Double white, very handsome, showy flowers, continuing a long time in bloom, b; ht. 2 ft	10c
Mimulus Cardinalis. "Monkey Flower." Dark red; ht. 1½ ft	10c
Tigrinus grandiflorus. Finest mixed, spotted and tigred varieties; ht. 1½ ft	
Brilliant perennials, flowering the first season if sown early. Also suitable for pot culture.	
Musk Plant. (Mimulus Mosehatus.) Yellow, a universal favorite; ht. ½ ft	10c
Myosotis Azorica. Dark blue; ht. ½ ft	10c
Alpestris. Light blue; ht. ½ ft	
Dissitiflora. Brilliant blue, earliest flowering; ht. ½ ft	
Palustris Semperflorens. Bright blue; ht. 1 ft	
"Forget-Me-Nots." Very beautiful and much prized for spring flowers. b.	
Nierembergia Gracilis. Silvery lavender. Excellent for hanging baskets, edgings, etc; ht. 1 ft	10c
Oenothera Lamarekiana. Yellow; ht. 4 ft	5c
A grand Evening Primrose, with long spikes of yellow flowers.	
Oxalis Rosea. Pink; ht. ¼ ft	10c
"Tropaeoloides." Yellow; ht. ¼ ft	
"Shamrock," or Wood Sorrel. Delightful little plants for edgings, hanging baskets and rockwork.	

Pansy, or Heartsense.

Per pkt.

Cassier's, very large flowered, finest mixed; ht. ½ ft	50c
English mixed, extra select, very large and velvety; ht. ½ ft	25c
German, finest mixed, from the most celebrated pansy grower in Germany; ht. ½ ft	
	25c



Giant Trimardeau Pansy.

Giant Trimardeau, mixed, very large and of vigorous growth, (see cut); ht. 1 ft	25c
Odier's Five Blotched, very fine, with a black blotch on each petal; ht. ½ ft	25c
Scotch Prize, from extra selected prize flowers; ht. ½ ft	50c
Above best sorts mixed; ht. ½ ft	25c
Azure blue; ht. ½ ft	15c
Emperor William, ultramarine blue; ht. ½ ft	15c
Faust, or King of the Blacks, coal black; ht. ½ ft	15c
Golden yellow, pure; ht. ½ ft	15c
" " with dark center; ht. ½ ft	15c
Gold margined, brown with gold border; ht. ½ ft	15c
Lord Beaconsfield, large, purple violet shading off to lavender; ht. ½ ft	15c
Mahogany colored; ht. ½ ft	15c
Peacock, royal purple, shot with peacock blue; ht. ½ ft	15c
Snowflake, pure white; ht. ½ ft	15c
Striped and variegated varieties; ht. ½ ft	15c
Victoria, blood red; ht. ½ ft	15c
Violet, white margined; ht. ½ ft	15c
White, with black center; ht. ½ ft	15c
Above colors mixed; ht. ½ ft	10c
Pansies should be carefully cultivated, and will richly repay liberal treatment. All the above strains are carefully saved from the choicest flowers, and are unsurpassed in color, form and substance. b.	



Petunia — Fringed.

Per pkt.

Pelargonium. Fancy, best and richest colors mixed; ht. 3 ft. 25c
 Large flowered, richest colors, mixed; ht. 3 ft. 25c
 Odier's Five Blotched, fine; ht. 3 ft. 25c
 A favorite bedding and greenhouse plant, with brilliant flowers. Seeds saved only from the finest sorts. b.

Pentstemon. Finest mixed; ht. 2 ft. 10c
 Fine herbaceous perennials, very showy in mixed borders. b.

Petunia. Single. Inimitable. Blotched and striped, very handsome; ht. $\frac{3}{4}$ ft. 10c
 Single. Large flowered, Fringed, superb mixed (see cut); ht. 1 ft. 25c
 Single. Good mixed; ht. 1 ft. 10c
 Double. Fringed. Superb mixed; ht. 1 ft. 50c
 Double. Extra fine. Mixed; ht. 1 ft. 25c
 Very ornamental, free flowering plants, for bedding in masses or in borders.

Phlox. Perennial. Finest mixed; ht. 2 ft. 10c
 A very showy handsome plant, b.

Picotee Pink. Finest mixed; ht. $1\frac{1}{2}$ ft. 15c
 Splendid hardy Pinks, beautifully marked on edge of petals, b.

Pink Florist's. From fine show varieties, mixed; ht. 1 ft. 15c
 "Pheasant's Eye" Pinks. Very fine, usually marked with a ring in centre, double and fragrant, b.

Polemonium Coeruleum. Blue; ht. $2\frac{1}{2}$ ft. 10c
 "Jacob's Ladder." An old-fashioned English perennial, useful in mixed borders.

Polyanthus. Finest gold-laced varieties; ht. $\frac{1}{2}$ ft. 25c
 Choice mixed; ht. $\frac{1}{2}$ ft. 10c
 Charming early flowering plants, beautifully laced and edged.

Per pkt.

Poppy. Perennial hybrid mixed (see cut);
 ht. 4 ft. 25c
 Papaver Orientale. Dark red; ht. 4 ft. 10c
 Papaver Bracteatum. Scarlet; ht. 3 ft. 10c
 Iceland (Papaver nudicaule). Yellow; ht. $1\frac{1}{4}$ ft. 10c
 Iceland. White; ht. $1\frac{1}{4}$ ft. 10c
 Iceland. Orange; ht. $1\frac{1}{4}$ ft. 10c
 Iceland. Mixed; ht. $1\frac{1}{4}$ ft. 10c
 Very showy plants for mixed borders. The Iceland poppies will bloom the first year from seed, if sown early. For other varieties see list of Annuals.

Primrose. True English yellow; ht. $\frac{1}{2}$ ft. 15c
 An old fashioned garden favorite.

Primula Sinensis, t. Fringed white; ht. $\frac{1}{2}$ ft. 25c
 Fringed red; ht. $\frac{1}{2}$ feet. 25c
 Finest mixed, fringed; ht. $\frac{1}{2}$ ft. 25c
 Obconica, t. Light mauve; ht. $\frac{1}{2}$ ft. 15c
 Fine pot plants for winter and spring flowering, for indoor culture.

Pyrethrum Roseum. Red; ht. 2 ft. 10c
 Hybridum. Double mixed [Aster-like flowers] ht. 2 ft. 15c
 Parthenifolium Aureum [Golden Feather]; ht. $\frac{1}{2}$ ft. 10c
 The first two varieties are grown for their flowers, the last is the well-known edging plant.



Poppy—Perennial hybrid mixed.

	Per pkt.
Ranunculus. Finest mixed; ht. 1 ft.....	10c
Handsome, hardy, tuberous plants of brilliant colors.	
Romneya Coulterii. White with yellow centre; ht. 5 ft.....	15c
"California Mountain Poppy." A noble plant.	
Rose Champion. Crimson; ht. 1½ ft.....	5c
Downy, silvery foliage, with crimson flowers.	
Rocket, Sweet. Fine mixed; ht. 1½ ft.....	5c
"Dames' Violet." Valuable for borders, free-blooming and sweet scented.	
Salvia Nutans. hh. Dark blue; ht. 2 ft.....	10c
Patens. hh. Sky blue; ht. 2 ft.....	15c
Splendens. hh. Dazzling scarlet; ht. 3 ft.....	10c
"Flowering Sage." Brilliant flowering plants for borders, backgrounds and centres of beds. b.	
Santolina Chamæcyparissus; ht. 2 ft.....	10c
[Lavender Cotton]. A silvery-leaved plant, useful for edging.	
Saxifraga. Fine mixed; ht. ½ ft.....	15c
"Mother of Thousands," or "London Pride," charming little trailing plants for hanging baskets, vases or rockwork.	
Scabiosa. Tall mixed; ht. 2 ft.....	5c
Dwarf Double; ht. 1 ft.....	5c
"Mourning Bride." A well-known border plant, free-blooming and fragrant. b.	
Sedum. Fine mixed; ht. ½ ft.....	10c
"Stone Crop." Curious plants, for carpet beds. Plant in sandy soil.	
Sensitive Plant. Pink; ht. 2 ft.....	5c
"Mimosa Pudica." An interesting plant with the peculiarity of closing its leaves when touched.	
Statice Latifolia; ht. 1 ft.....	10c
(Sea Lavender). A favorite hardy perennial with bright blue flowers, very useful for bouquets.	
Solanum Weatherill's Hybrids, mixed. hh; ht. 1 ft.....	10c
Decorative species for pot culture, bearing orange colored berries.	
Stocks. [Biennial and perennial.]	
Intermediate. Finest mixed; ht. 2 ft.....	10c
" " East Lothian. Crimson, very fine; ht. 2 ft.....	15c
Intermediate. East Lothian. Purple very fine; ht. 2 ft.....	15c
Intermediate. East Lothian. White, very fine; ht. 2 ft.....	15c
Brompton. Crimson; ht. 2 ft.....	15c
" " White; ht. 2 ft.....	15c
" " Purple; ht. 2 ft.....	15c
" " Finest mixed; ht. 2 ft.....	15c
Cocardeau, or Giant Cape Winter. Finest mixed; ht. 2½ ft.....	15c
Emperor. Very fine, mixed; ht. 2½ ft.....	15c
[For Ten-Week Stocks, see Annuals.] All these Stocks are very double, fragrant and handsome. The Intermediate varieties are biennials. The last three species are splendid decorative border plants. The "true "Gilly Flowers." b.	

	Per pkt.
Sweet William. Hunt's Auricula Flowered Perfection. Single mixed; ht. 1½ ft.....	10c
Single. Pure white; ht. 1½ ft.....	10c
Finest mixed; ht. 1½ ft.....	5c
Double. Finest mixed; ht. 1½ ft.....	10c
Well known and very showy plants for borders; flowering early in spring, b.	
Valerian. Mixed; ht. 2 ft.....	5c
An old fashioned English plant; valuable for mixed borders, b.	
Verbascum Phœniceum. Mixed; ht. 3 ft.....	10c
Showy plants for mixed borders.	
Verbena. Auricula flowered, with white centers (see cut); trailer.....	15c
Blue; trailer.....	15c
Italian striped; finely striped and mottled, trailer.....	15c
Large white; trailer.....	15c
Scarlet; trailer.....	15c
Mammoth, mixed; very large; trailer.....	25c
Fine mixed; trailer.....	10c
Lemon-scented [Aloysia Citriodora]. Lavender; ht. 8 to 10 ft.....	25c
A well-known favorite bedding plant, easily grown and cared for. The Lemon Verbena is a shrubby perennial in our mild climate, b.	



Verbena, Auricula Flowered.

Vinca Rosea. Red; ht. 2 ft.....	10c
Alba. White, with red eye; ht. 2 ft.....	10c
Mixed; ht. 2 ft.....	10c
"Madagascar Periwinkle." Very neat evergreen perennial plants.	
Viola Cornuta. Mixed; ht. ½ ft.....	10c
Odorata. "Sweet Violet." Blue; ht. ¼ ft.....	10c
" " White; ht. ¼ ft.....	10c
" " "The Czar." Light blue, very large; ht. ¼ ft.....	10c
With the exception of Viola Cornuta, these favorites are too well known to need comment. Viola Cornuta resembles the Pansies, and is admirably adapted for bedding purposes. b.	
Wall Flower. Single mixed; ht. 2 ft.....	5c
Blood Red; ht. 1 ft.....	10c
Belvoir Castle. Dwarf yellow; ht. ¾ ft.....	10c
Harbinger. Rich blood red; ht. 1 ft.....	10c
Double German mixed; ht. 2 ft.....	15c
Well known fragrant plants, flowering in winter and early spring. b.	
Wigandia Caracasana. Violet; ht. 8 ft.....	25c
Plants remarkable for the large size of their leaves; much prized as single specimens for lawns and sub-tropical gardening.	

ORNAMENTAL GRASSES.

Most of these, if cut before they are quite ripe, will be found very useful in the formation of winter bouquets alone, or combined with Everlasting Flowers.

CULTURE.—Sow in boxes in February or March, and when large enough, transplant to where they are to remain. Do not mistake the young plants for weeds.

a.—Annual. p.—Perennial.

	Height in feet.	Price per pkt.
Agrostis Nebulosa, a. Very graceful and fine for vases and bouquets	1	10c
“ Pulchella, a. “ “ “ “ “ “ “ “	1	10c
Avena Sterilis, a. “Animated Oats.” Singular and curious.....	3	5c
Briza Maxima, a. Large.....	1½	5c
“ Gracilis, a. Slender. “Quaking Grass.” Fine for bouquets.....	1	5c
Eragrostis Elegans, a. “Love Grass,” with beautiful dancing spikelets, good for bouquets	1	5c
Eulalia Japonica, p. “Japan Plume” Grass. Very effective in groups.....	6	10c
Festuca Glauca, p. Very neat and compact, fine for edgings to ribbon beds and borders	½	10c
“ Procumbens, p. “ “ “ “ “ “ “ “ “ “	¼	10c
Isolepis Gracilis, p. Very pretty rush-like Grass for hanging baskets and pot culture.....	1	10c
Lagurus Ovatus, a. “Hare’s Tail Grass.” Fine for bouquets	2	5c
Lasiagrostis Argentea, p. Very graceful and fine for bouquets.....	3	10c
Stipa Pennata, p. “Feather Grass.” Universally admired in bouquets	2	10c
Tricholoena Rosea, p. Very pretty, with rose-colored panicles	3	10c
Uniola Latifolia, p. “Sea Oats.” Very ornamental.....	4	10c
Zea Japonica Fol. Variegata, hha. “Striped Japanese Maize.” Very ornamental.....	4	5c

CALIFORNIA NATIVE WILD FLOWER SEEDS.

We offer twelve varieties, all of great beauty, some of which are very rare and difficult to obtain.



Dodecatheon Clevelandii.

	Per pkt.
Antirrhinum Oreuttianum (Cal. Snapdragon). White or violet.....	\$.15
Dicentra Chrysantha (Cal. Bleeding Heart). Lemon yellow.....	.15
Dodecatheon Clevelandii (Shooting Star). Pur- ple bordered with yellow (see cut).....	.15
Emmenanthe Penduliflora . Very rare and hand- some. "Yellow Bells"15
Eschscholtzia Californica (Cal. Poppy). Yellow.....	.05
Gilia Achillæfolia . Blue10
Lathyrus Californicus (Cal. Pea). Crimson.....	.15
Oxyura Chrysanthemoides (Painted Cup). Yellow and white05
Phacelia Parryi . Brilliant purple.....	.10
Platystemon Californicus . Sulphur yellow.....	.05
Romneya Coulterii (Cal. Mountain Poppy). White with yellow stamens.....	.15
Viola Pedunculata (Cal. Violet). Yellow.....	.15
Tourists' "Souvenir" Collection of Cal- ifornia Native Flower Seeds , comprising the above twelve varieties.....	1.00

Eight choice varieties.

Five fine varieties.

Above collections mailed free on receipt of price to any part of the world.

Tree and Shrub Seeds.

The importance of Timber Culture is universally recognized. History shows that many countries occupied by some of the greatest nations in ancient times, and which were then fertile and productive, have been rendered sterile and barren, owing to the denudation of their forests, as nearly every one knows.

Trees, especially on hillsides, are absorbent, retentive and retard evaporation, thereby assisting to prevent floods in winter and drought in summer. The supply of fuel is also a vital question for Southern California, and to attain that end, the varieties of Eucalypti and other rapid-growing trees are being largely planted.

The value of Trees for shade and shelter purposes need not be enlarged upon. In raising all kinds of Tree Seeds successfully, the process of growth and germination in their natural habitat should be imitated as closely as possible. Thus the cones of Conifers shed their seed, which falls under the tree, generally on light soil, enriched by generations of fallen needles or "tags," at the same time it is sheltered from too much wet by the pyramidal thick foliage of the tree, which also shades the young seedlings from the direct hot sun, and thus protected, under somewhat humid conditions, germination is sure and rapid. On the contrary, seeds of Deciduous Trees lie exposed on the surface of the ground to the action of rain and frost, till spring, when the weather being sufficiently warm, they germinate rapidly. As a rule, all tree and shrub seeds germinate slowly, compared with vegetable or flower seeds.

All hard seeds, as Acacias, Locust, Osage Orange, etc., should be soaked for 24 hours in warm water, say at 120°, before sowing, or where practicable, strew dry leaves or bushes over the beds after sowing and watering, and set fire to them.

Deciduous Tree Seeds should be planted in this section in winter or very early in the spring, as most of these seeds lose their vitality very rapidly. The soil should be well prepared, rich and deep; and the seed should always be sown in drills, and the ground kept thoroughly free from weeds. Evergreen Tree Seeds should be sown in boxes or pans, thoroughly well drained, and should be protected from the sun by being placed under the shelter of a hedge or fence. They are best sown in spring or fall, and should be carefully transplanted when necessary.

As many Tree Seeds are collected in distant countries, and will sometimes fail to germinate, although they may appear well enough to the eye, we wish it to be distinctly understood that we will not in any way be responsible for their failure; but, at the same time, we will use every endeavor to supply only the best.

All Tree and Shrub seeds quoted in this list at less than 50c per oz. we can supply at 15c per pkt.; those quoted at 50c and upward per oz., we can supply at 25c per pkt.

AUSTRALIAN TREE AND SHRUB SEEDS.

We make a separate category of these, as from their value they are worthy of it. The visitor to Australia, at any season, will at once notice that all the indigenous vegetation is evergreen. The writer does not know one deciduous tree or shrub native to that country.

The most valuable are, of course, the Eucalypti. These possess great antiseptic properties, and are, no doubt, also of great value in absorbing moisture from the bottom soils, thus preventing malaria. Their value as rapid growing timber is also great, some varieties making excellent fuel, while others are nearly unflammable, but are useful in carpentry, and for railway ties, platforms, piles, jetties, etc. Others are very ornamental, bearing showy flowers.



Acacia Decurrens.

	Height in feet.	Price per oz.	Price per lb.
Acacia Albicans. Flowers whitish-yellow. Very compact.....	6	\$1.00	
Armata. "Prickly Acacia." Much used for hedges. Good for the sea coast.....	15	.40	\$4.00
Dealbata. "Silver Wattle." Very ornamental.....	15	.40	4.00
Decurrens. "Green or Black Wattle." (See Cut). A medium sized tree of rapid growth, very useful for windbreaks. It is also very rich in tannin. Wood is valuable for fuel, and for turner's and cooper's work.....	30	.30	3.00
Floribunda. Ornamental, with very abundant handsome flowers. Valuable for lawns, parks, cemeteries, etc.....	25.	.40	4.00
Latifolia. A handsome shade tree, succeeding especially well near the sea coast. Leaves broad, with yellow flowers. Native of South Africa.....	40	.50	5.00



Acacia Pycnantha.

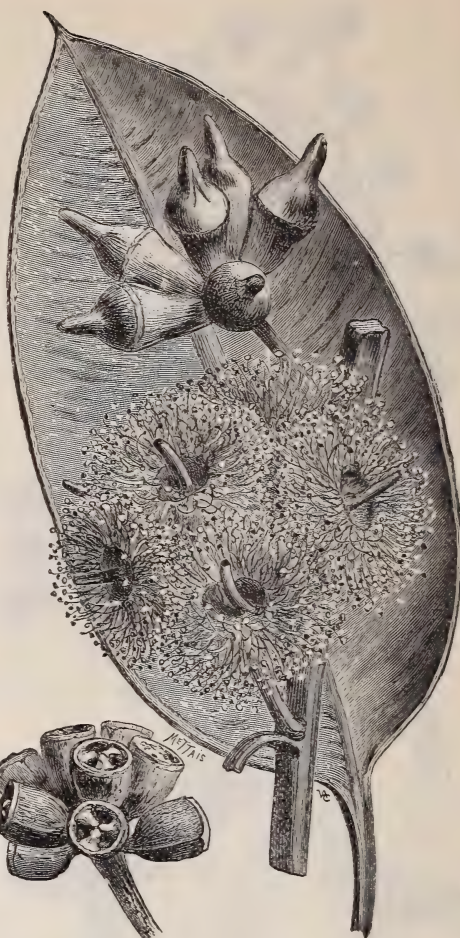
Height Price Price
in feet. per oz. per lb.

Acacia. (Continued.)

Linifolia. (Flax-leaved). An ornamental shrub, with yellow flowers, growing in heads 2 to 4 together. Per pkt., 15c	8		
Lophantha. (Albizzia Lophantha) "Cape, or Crested Wattle." One of the most rapid growing plants for first temporary shelter, succeeding in the most desolate places.	15	.30	3.00
Melanoxylon. "Blackwood." In sheltered, irrigated glens, this tree will reach a height of from 80 to 100 feet, with a trunk several feet in diameter. The timber is very valuable for all cabinet makers' work.	80	.35	3.50
Mollissima. An abundant blooming tree, very ornamental, suitable for lawns and shrubbery.	25	.40	4.00
Ornithophora. "Kangaroo Acacia." For hedges and windbreaks, making a close, impervious hedge.	15	.40	4.00
Pycnantha. "Golden Wattle." (See cut). Of rapid growth, doing especially well near the sea coast, and containing a large quantity of tannin.	40	.30	3.00
Suaveolens. A pretty variety of pendulous habit.	8	.40	4.00
Trovissima. Thorny; for hedges. Growth rapid.	10	.40	4.00
Boronia Megastigma. A beautiful little shrub. Flowers copper color, with a powerful violet odor. Very rare. Seed germinates slowly. (Only in pkts). Pkt. 50c	3		
Brachychiton Acerifolium. "Flame Tree." Of fine, sturdy, pyramidal growth, with large, handsome foliage, producing masses of scarlet flowers.	20	.30	3.00
Casuarina Equisetifolia. "Beefwood." Wood very durable under ground for piles and jetties.	150	1.00	
Quadrivalvis. "Coast She Oak." Very valuable for sea coast culture, to prevent the inroads of the sea upon sand hills. Of quick growth. Wood valuable for shingles, etc.	60	1.00	
Stricta. "She Oak." Is tougher than the other species. Excellent wood for tool handles.	30	1.00	
Suberosa. "Erect She Oak." A beautiful shade tree. Valuable for fuel.	60	1.50	
Torulosa. "Forest Oak." Wood very valuable for timber, also for fuel, burning to a clear white ash, and leaving no cinders.	75	1.00	
Eucalyptus Amygdalina. "Messmate Gum." Belonging to this variety are the tallest trees in the world. In Gippsland, Australia, are trees over 500 feet in height. Makes first-class timber for flooring boards, scantling, etc., and is well suited for avenue planting. Yields more essential oil than any other variety.	400	1.00	
Baileyana. Timber splits easily and is straight-grained. Much used in Queensland for shingles. Branches spreading, with dense foliage.	100	1.50	
Bicolor. [Black Box.] Timber of great strength and durability. Useful for piles and railroad ties.	150	1.00	



Eucalyptus Globulus.



Eucalyptus Robusta.

	Height in feet.	Price per oz.	Price per lb.
Callosa. Not to be confounded with "Collossea." A scarce variety from Western Australia. Timber of good quality, and more easily worked than most of the other kinds. Also good for fuel.....	200	1.50	
Calophylla. Ornamental, of rapid growth, with white flowers. Timber also valuable for carpentry above ground.....	50	1.50	
Citriodora. [Lemon-scented Gum.] A fine ornamental tree with lemon-scented foliage, supplying also a useful timber. Being a native of Queensland it is more tender than most other kinds.....	80	2.00	
Cornuta. "Yale Tree." A rapid growing variety, and very hardy. Wood very durable, heavy and elastic, and considered equal to Ash.....	100	1.50	
Corymbosa. "Blood Wood." Wood of a dark red color, easily worked while fresh, but when dry becomes very hard. Useful for fence posts and railroad ties, being durable under ground. The numerous gum veins render it of little use for sawing purposes.....	200	1.50	
Corynocalyx. "Sugar Gum." Very ornamental, rapid growing, with dark green leaves. Highly valued in this vicinity. Timber very durable and used for railroad ties. One of the best.....	120	1.50	15.00
Crebra. [Narrow-leaved Ironbark]. Wood reddish, heavy, elastic, and durable; is ant and teredo proof. Useful for railroad ties, bridges and piles.....	100	1.50	
Ficifolia. [Scarlet-flowered Fig-leaved Gum]. The most ornamental of the family. Flowers bright crimson, produced well above the foliage. One of the most effective trees in cultivation. Per 100 seeds \$1.50; 20 seeds 40c.....	20		
Fissilis. "Victorian Yellow Gum." A large, rapid growing variety. Wood easily split, straight grained, and used for floor boards, scantling, etc.....	200	2.00	

	Height in feet.	Price per oz.	Price per lb.
Eucalyptus Globulus. "Tasmanian Blue Gum." (See cut). Well known; one of the most useful of all, and a very rapid grower. Planted largely in all warm countries, on account of its malaria destroying qualities. Remarkably good for fuel, being easily sawn and split. Imported seed	150	.50	5.00
California saved seed30	3.00
Goniocalyx. "N. S. W. Blue Gum." Wood very durable, hard and tough. Much used in its native country by wheelrights. A rapid grower.....	200	1.00	
Gunnii. "Tasmanian Cider Tree." Probably the hardiest of the genus. Will stand a considerable amount of frost. Recommended for all elevated and exposed positions. Good for fuel.....	80	1.50	
Hæmastoma. "White Gum." Good for fencing and rough building material, also makes a fair fuel. Grows particularly well on sandy soil.....	150	1.50	
Hemiphloia. "Common Box." Wood very hard, strong and durable above ground. Also a first-class fuel for all purposes	150	1.00	
Leuceoxylon. "Victorian Ironbark." Very hard, strong and durable, excelling Hickory in strength. Recommended for underground work in mines, and for railroad ties, bridges, etc.....	100	2.00	
Longifolia "Woolly Butt." A large tree, of great girth, growing well in any soil. Timber is durable and makes excellent fuel. The leaves yield a volatile oil.....	200	1.00	
Maculata. "Spotted Gum." Wood as strong as English Oak. Extensively employed in ship building and wheelwright's work	100	1.50	
Marginata. "W. A. Jarrah." Impervious to teredo and ants, and much sought after for jetties and piles, and largely exported for railroad ties. The timber is easily worked and takes a beautiful polish. Furniture made from this wood is much admired. Of quick growth and immense size. Suited to dry, barren soils	200	1.50	
Meliodora. "Black Ironbark." Of spreading growth, with a comparatively stout stem, and makes excellent fuel. The young trees are largely used for telegraph poles, and the flowers are much sought by bees. One of the strongest and most durable timbers in the world	120	1.50	
Obliqua. "Stringy Bark." A quick grower and produces the best wood for flooring, scantling and shingles. Inferior as fuel, but makes the best charcoal for the forge	300	1.00	
Obtusifolia. "Yellow Blackbutt." A rapid growing variety, very good for fuel. Also used for staves, cooper's and wheelwrights' work	120	1.50	
Paniculata. "White Ironbark." Wood hard and durable, excellent for railroad ties. Also much used for building and fencing, as it splits well and is lasting under ground.....	150	1.00	
Pilularis. "Black Butt." Of rapid growth. One of the best timber yielding species, much used for flooring boards, railroad ties and telegraph poles.....	300	1.50	
Piperita. "Peppermint Gum." Timber valuable for shingles, fence rails, etc. Yields a greater quantity of oil than any other variety, and is of remarkably quick growth.....	300	1.50	
Polyanthema. [Australian Beech]. The timber is much used for mining purposes, and for all underground work, being remarkably hard and durable. Also an excellent fuel. Flowers good for bees.....	150	1.50	
Regnans. [Royal Mountain Ash]. A very scarce variety, growing to a large size, and very hardy. Grows on the high slopes of the Australian Alps, near the snow line. Timber durable and excellent for fuel.....	200	1.50	
Resinifera. "Forest Mahogany." A superior timber, of large size, prized for its strength and durability. Fine for interior house work.....	200	1.00	
Robusta. "Swamp Mahogany." (See cut). Thrives best in low grounds, especially near the sea coast. Timber strong and durable, and is much used where strength and resistance to strains is required. A remarkably healthy, robust variety. Much used for street planting in this vicinity.....	150	1.00	
Rostrata. [Red Gum]. Well known, and highly esteemed in this section. The timber is unsurpassed for durability, and is used for railroad ties, street pavements, ship building, etc.....	200	.75	7.50
Saligna. "Weeping Gum." Very ornamental. Leaves and general habit are like the "Babylonian Willow." Good for fuel.....	75	1.50	
Sieberiana. "Gum Top." Wood of excellent quality, strong and elastic, and may be used for all purposes where Hickory or Ash are at present used. It splits easily, and is soft to work. Also a most excellent fuel.....	150	1.50	

	Height in feet.	Price per oz.	Price per lb.
<i>Siderophloia</i> . "Red Ironbark." Wood very hard, light colored and heavy, of great strength and durability, and is used for railroad ties, spokes, shingles, bridges, jetties, etc. It is stronger than Hickory. As fuel, it gives more heat than any other kind.	200	1.00	
<i>Stuartiana</i> . "Apple-scented Gum," A medium-sized tree, with drooping branches. Will thrive on any soil. Wood very dark and handsome, and takes a good polish. Useful for cabinet work, also good for fuel.	100	1.50	
<i>Tereticornis</i> . "Gray Gum." A very handsome, large growing variety. Wood durable and useful for shingles, flooring, etc. Also an excellent fuel.	200	2.00	
<i>Viminalis</i> . "Manna Gum." A hardy, rapid growing variety, and well suited for exposed situations. On rich soils it grows to a gigantic size. The wood may be used for ordinary building purposes, also for fuel. The young bark and leaves yield the Australian Manna, a hard, opaque, sweet substance. Imported seed.	300	1.00	
California saved seed		.75	7.50
<i>Ficus Australis</i> . [Australian Ban Yan Tree]. A fine evergreen tree, very useful for shade and shelter purposes. This and the following variety are hardy in the neighborhood of Los Angeles, but in districts experiencing sharp frosts they should be sheltered until they are four years old, and well established.	40	1.00	
<i>Macrophylla</i> . "Moreton Bay Fig," or "Long-Leaved Rubber Tree." A magnificent ornamental shade tree, with large, bright, glossy green leaves.	100	1.00	
<i>Grevillea Hillii</i> . A fine small tree, with evergreen, poplar-like leaves per pkt. 15c.		15	
<i>Linearis</i> . A low-growing shrub, flowers bright red, tipped with yellow, pkt. 15c.		3	
<i>Punicea</i> . An erect shrub, bright scarlet flowers, very fine and rare, per pkt. 15c.		5	



Grevillea Robusta.

scarlet in large heads, which are discernible at a great distance. Per pkt., 15c 8

Grevillea Robusta. [Silky Oak or Australian Fern Tree]. (See cut.) A well known shade tree, with fern-like foliage and orange flowers, of rapid growth, and capable of resisting drought to a remarkable degree.

Pittosporum Eugenioides. A valuable evergreen for lawns, parks, or cemeteries; of graceful form, and bright light green foliage. It is suitable for tall garden hedges. From South Australia.

Sterculia Heterophylla. [Brachychiton Diversifolium] A very ornamental tree, with poplar-like foliage, per pkt., 15c

Telopea Speciosissima. (Waratah, or Australian Tulip). One of the most gorgeous and showy shrubs yet introduced. Flowers crimson-

CONIFER AND MISCELLANEOUS EVERGREEN TREE AND SHRUB SEEDS.

All seeds quoted at less than 50c per oz., we will supply at 15c per pkt.; those quoted at 50c and upwards at 25c per pkt. No deviation from this rule.

	Height in feet.	Price per oz.	Price per lb.
<i>Buxus Sempervirens</i> "Evergreen Box." A hardy, compact growing evergreen of dwarf habit	8	.20	2.00
<i>Camphora Officinalis</i> . "Camphor Tree." From this tree the Gum Camphor of commerce is extracted	50	.30	3.00

	Height in feet.	Price per oz.	Price per lb.
Cedrus Deodara. "Himalayan Cedar." A noble and beautiful evergreen of pyramidal form, foliage bluish green, graceful and drooping	100	.60	6.00
Libani. "Cedar of Lebanon." A most beautiful evergreen for lawn decoration.....	80	.75	7.50
Cryptomeria Elegans. "Fine-leaved Japan Cedar." Foliage glaucous green, resembling a feathery Araucaria, which in winter turns to reddish brown.....	50	1.00	
Japonica. "Japan Cedar." A splendid conifer for isolated situations on lawns.....	75	.50	5.00
Cupressus Goveniana. "Goven's Dwarf Cypress." A native variety from the Coast Range around Santa Cruz. Very ornamental	30	.50	5.00
Guadalupensis. "Blue Cypress." A rapid growing upright variety, with bluish foliage. Very ornamental for lawns and cemeteries.....	40	.50	5.00
Lawsoniana. "Lawson's Cypress." A native variety found in northern California and Oregon. Wood white, fragrant, and close grained. Generally known as Oregon, or White Cedar.....	100	.50	5.00
Macrocarpa. "Monterey Cypress." Too well known to need description. Useful for hedges and windbreaks	50	.10	1.00
Sempervirens. "Italian Cypress." A European variety, very long lived, and the wood of which is almost imperishable	70	.20	2.00
Jacaranda Mimosæfolia. "Brazilian Jacaranda." A handsome tree with fern-like foliage, and magnificent clusters of light blue flowers. Hardy in this vicinity. In pods containing from 30 to 40 seeds. Per pod, 5c	25		
Juniperus Virginiana. "Red Cedar." A well known American tree	50	.15	1.00
Libocedrus Decurrens. "California White Cedar." Native of this coast from San Diego to Oregon. Well adapted for windbreaks.....	100	.40	4.00
Ligustrum Japonicum. "Japan Privet." One of the best hedge plants	12	.15	1.50
Magnolia Grandiflora. (Large flowering Magnolia.) A native of the Southern States, where its presence indicates good soil	100	.25	2.50
Pinus Canariensis. "Canary Island Pine." Very robust and healthy, with bright green leaves. Grows nearly as fast as the "Monterey Pine."	50	.50	5.00
Contorta. (Mugho.) "Twisted Pine." A small tree, with wide, spreading and somewhat twisted branches. Native of Oregon	30	.50	5.00
Coulterii. (Macrocarpa.) "Big Cone Pine." A fine native tree, of very robust growth, with bluish gray leaves a foot in length. Has the largest cone of all Pines, sugar-loaf shaped and edible	100	.40	4.00
Insignis. "Monterey Pine." This well known native variety is of very rapid growth, and succeeds well in any kind of soil.....	80	.25	2.50
Maritima. "Seaside Pine." Well adapted for planting near the sea	60	.15	1.00
Strobus. "Weymouth or White Pine." A stately, straight and valuable tree.....	100	.25	2.50
Sylvestris. "Scotch Fir." The economic value of this tree is well proven. Growing in the most sterile soils, the humus, or decayed vegetable matter, formed by this tree, will double that from any deciduous variety	100	.15	1.25
Schinus Molle. "Mexican Pepper Tree." A well-known handsome shade tree, with light feathery foliage, and bright scarlet berries.....	50	.10	1.00
Sciadopitys Verticillata. "Japan Umbrella Pine." Curious and remarkable. Leaves are a dark glossy green, crowded into whorls at the joints of horizontal branches. Very ornamental. Per pkt. 25c	15		
Sequoia Gigantea. "California Big Tree." The biggest of all trees, and probably the most long lived. Specimens are often found 400 feet high	300	1.00	10.00
Sempervirens. "California Redwood." Well known. Wood reddish, soft, close veined, easily split, light and brittle, but very durable. It luxuriates in the cool dampness of sea fogs. Ornamental for lawns or parks	200	.40	4.00
Solanum Erectum. (Betaceum.) "Guatemala Tree Tomato." A handsome evergreen of good form, and bearing yellow fruits the size of an egg, with a pleasant sub-acid flavor. Per pkt. 25c	8	3.00	
Sterculia Platanifolia. "China Parasol Tree." Very ornamental, with large, plane-like leaves. This makes an excellent tree for avenue or park planting.....	40	.40	4.00

	Height in feet.	Price per oz.	Price per lb.
Thuja Aurea. "Golden Arbor Vitæ." A dwarf Chinese variety; compact and globular in shape; top foliage yellowish green; suitable for lawns, cemeteries, etc	6	.40	4.00
Aurea Semper-aurea. "Ever Golden Arbor Vitæ." Dwarf habit and free growth. Retains its golden color the year round. One of the prettiest dwarf evergreens....	4	1.00	
Compacta. "Compact Arbor Vitæ." Handsome dwarf variety, compact, globular form	5	.35	3.50
Occidentalis. "American Arbor Vitæ," or "White Cedar." A common and well-known tree. Native of the Atlantic States.....	50	.30	3.00
Viburnum Tinus. "Laurustinus." One of the finest winter flowering shrubs, blooming abundantly during the winter. Also a valuable hedge plant	8	.15	1.50

DECIDUOUS TREE AND SHRUB SEEDS.

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All those quoted at 50c and upwards, we supply at 25c per pkt.

Calycanthus Floridus. "Carolina Allspice." Remarkable for the scent of its flowers, which resembles that of ripe fruit. Will grow in almost any soil. Flowers brown	4	.30	3.00
Catalpa Speciosa. "Indian Bean Tree." A rapid-growing tree, good for timber claims. Flowers white and purple	50	.15	1.00
Ceratonia Siliqua. "St. John's Bread." The Carob, or Locust Tree of Scripture, with yellow flowers and edible saccharine pods, which are very fattening	30	.20	2.00
Gleditschia Triacanthos. "Three Thorned or Honey Locust." Hardy and of rapid growth. Will form an impenetrable hedge. Seed should be soaked in boiling water before sowing.....	60	.10	.50
Lagerstroemia Indica. (Crape Myrtle). A favorite tree in this vicinity, bearing rose-colored flowers in great profusion. Per pkt. 15c.....	20		
Lycium Horridum. (African Box Thorn). A valuable hedge plant, per pkt., 25c.	6	.75	
Maclura Aurantiaca. (Osage Orange). A well known hedge plant.....	40	.10	.75
Melia Azederach Speciosa. "True Texas Umbrella Tree." Of very rapid growth, with long pinnate leaves, and wood of a reddish color, resembling the ash, durable and makes excellent fuel. Thrives in dry soils. Valuable for avenue planting..	40	.10	.75
Paulownia Imperialis. "Empress Tree." Very rapid growing when young. It afterwards forms a broad, flat head. Flowers violet, trumpet-shaped and fragrant	30	.35	3.50
Robinia Pseudo-Acacia. "Yellow or Black Locust." Well known in this section; valuable for fuel and timber. One of the best trees with which to plant timber claims	60	.10	.40
Syringa Vulgaris. "Purple Lilac." The common variety. * One of the best; flowers and young foliage fragrant.....	8	.30	3.00
Vulgaris Alba. "White Lilac." One of the best white varieties	8	.30	3.00
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	Price per 10 seeds.	Price per 100 seeds.
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Bauerii [Seaforthia Robusta]. Not very hardy in this climate, except under glass. Native of Norfolk Island.....	25c	2.00
Lutescens. An extremely beautiful plant, with pinnate arching leaves; will not stand frost. Native of Mascareen Islands (see cut).....	25c	2.00
Rubra. The leaves are pinnate and arching, in a young state bright red, changing with age to dark green. Native of the East Indies; not hardy out of doors.....	25c	2.00



Areca Lutescens.



Phoenix Canariensis.

	Price per 10 seeds.	Price per 100 seeds.
Chamaerops. The various species of Chamærops are found scattered through Northern Asia, Northern Africa, North America, and the south of Europe. Leaves fan-shaped; fruit a berry and one-seeded.		
Canariensis, a handsome Palm well worthy of culture, either for lawn or pot culture.....	25c	2.00
Excelsa. (Hardy Fan Palm.) This Palm grows to the height of from 20 to 30 feet; leaves fan-shaped; trunk enclosed by a dense mass of rough fibres. Native of the East Indies.....	Per oz., 25c; per lb., \$2.00	
Humilis. (Dwarf Fan Palm). An extremely handsome plant. Native of Southern Europe.....	Per oz., 30c; per lb., \$2.50	
Cocos. An elegant genus of a noble order, many species of which grow to majestic proportions.		
Australis. (Brazilian Palm). One of the hardiest of all palms, hardier than even the Date Palm; withstanding, unprotected, a cold at which oranges and lemons are injured or destroyed.....	40c	3.00
Bonnetii. A beautiful palm for decorative purposes; graceful in appearance. Thrifty.....	40c	3.00
Campestris. A hardy, handsome variety, well suited for open air planting; is one of the most desirable of pinnate-leaved palms.....	40c	3.00

	Price per 10 seeds.	Price per 100 seeds.
Cocos Plumosa. This species attains considerable size, rising upon a stout, straight column-like stem some 40 or more feet. Fruit drooping; bunches of waxy flowers, which are succeeded by quantities of orange-colored nuts, enclosed in an edible pulp, in size about as large as a chestnut. Leaves are pinnate. Native of Brazil; does well out of doors in this climate.....	30c	2.50
Weddelliana. This is perhaps the most elegant palm we have in cultivation. The stem is slender, and clothed with a quantity of black, netted fibres; leaves are from 1 to 4 ft. in length, or more, and beautifully arched. For table decoration there is no palm to compare with it. Native of South America.....	50c	4.00
Corypha Australis. (<i>Livistona Australis</i>). Native of Australia; hardy.....	25c	2.00
Erythea Armata. (<i>Brahea Glauca</i>). "Blue Palm." One of the most elegant Fan Palms, from the islands off Lower California. Leaves glaucous blue. Hardy.....	40c	3.00
Edulis. (<i>Brahea Edulis</i>). A rapid growing variety from the Guadaloupe Islands. Fan shaped leaves, bright green. Hardy.....	40c	3.00
Kentia Belmoreana. This fine palm is a valuable addition to our collections; its leaves are pinnate, dark green, and so beautifully crisp as to gain for it the name of "Curly Palm." It is very elegant and graceful in habit, a native of Lord Howe's Island, where it attains a height of 40 feet.....	40c	3.00
Canterburyana. This is a truly handsome species, native of Lord Howe's Island, with pinnate leaves, and a very robust habit. It is called in its native country the "Umbrella Palm." It is an exceedingly ornamental plant, and well adapted for decorative purposes.....	50c	5.00
Fosteriana. In its native country this plant is known as the "Thatch Palm," on account of its leaves being used for thatching houses. It is a robust-growing species, often attaining a height of from 40 to 50 feet. Leaves pinnate, and very deep green; native of Lord Howe's Island.....	50c	4.00
Latania Borbonica. Native of the Isle of Bourbon. Leaves large, fan-shaped, armed edges, and enveloped at the base in a net work of brown, fibrous tissues. It is a beautiful lawn plant, and when grown in large tubs or pots, this palm is the one best suited and most largely used for the decoration of hotel verandas; hardy.... Oz. 25c; lb. \$2.50		
Oreodoxa Regia. (Royal Palm). Native of Cuba. This noble plant attains a height of 60 feet. Leaves pinnate. Is largely grown for house decoration, but can scarcely be considered hardy out of doors here.....	15c	.75
Phoenix Canariensis. (See cut). An elegant and most hardy variety of the Date Palm, much used around Los Angeles for lawns. Very handsome and durable.....	10c	.50
Daetylifera. The Date Palm; is an erect, handsome palm. Native of Northern Africa and Tropical Asia, where the palm attains a height of eighty feet. Lives to a great age, and yields the Date fruit of commerce. Hardy..... Per oz., 10c; lb., 50c.		
Reclinata. A very fine, large-growing species. Leaves pinnate. Largely used in Nice, Cannes and in the south of France for avenues, also the best for that purpose here, as it will stand severe frosts. A native of the Cape of Good Hope. Hardy.....	20c	1.50
Rupicola. This is one of the most exquisitely graceful Palms, and in elegance takes a similar place to that of <i>Cocos Weddelliana</i> . It is of acaulescent habit, with wide-spreading, arching, pinnate leaves; a most valuable acquisition. Native of East India. Hardy.....	20c	1.50
Tennis. This is a very hardy, elegant and desirable variety of Date Palm, with long, bright sea green leaves; much used here for lawn planting.....	20c	1.50
Seaforthia Elegans. One of the most beautiful of the Palm family, and one of the finest subjects in cultivation for the conservatory, greenhouse or sub-tropical garden. Height 20 ft. Leaves from two to ten feet in length, dark green. It stands quite a low temperature. Native of New South Wales.....	20c	1.50
Washingtonia Filifera. Well known California Fan Palm, which also goes under the names of <i>Pritchardia Filamentosa</i> , and <i>Brahea Filamentosa</i> . Very hardy. Oz. 10c; lb. \$1		
Robusta. A robust Fan Palm, similar to <i>W. Filifera</i> , but with smoother, and darker green leaves, and without threads..... Per oz., 25c; lb., \$2.50		

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Agaves. Six fine varieties, viz., *Deserti*, *Lechequilla*, *Palmeri*, *Schottii*, *Shawii*, *Virginica*, each per pkt., 25c. One packet of each of above varieties for \$1.00.

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Dracaena Amabilis. The ground color of the leaf is glossy green, becoming beautifully marked and suffused with pink and creamy white	25c	1.50
Australis [Cordylina]. A palm-like tree growing to a considerable height; the stem is stout, leaves from two to three feet in length, oblong, lanceolate and bright green; splendid for avenues, native of New Zealand. Per pkt. 25c.; oz., \$1.00.		
Draco. Yields the dragon's blood resin; the stem of this species is stout at the base; leaves are closely set, eighteen inches in length and two broad, thick and fleshy, dark green, and ending in a long, thin unarmed point. Native of South America; hardy. 1000 seeds, \$5.00.....	10c	.75
Indivisa. [Cordylina Indivisa]. Sometimes called <i>Dracaena Stricta</i> . A most graceful palm-like tree, suitable for decoration either in or out of doors. Fine for avenues. Native of New Zealand. Oz. 40c; lb., \$4.00.		
Indivisa Lineata RoseaOz., \$1.50		.25
Latifolia Major , per 1000 seeds, \$3.00.....		.40
Veitchii. A beautiful variety, per 1000 seeds, \$2.00.....		.25
Musa Ensete. [Abyssinian Banana]. Native of the mountain regions of Abyssinia. This magnificent plant attains a height of thirty feet, the leaves occasionally reaching the length of twenty with a width of three feet. This plant produces no suckers, and requires several years to come into flower and seed, then it dies off like the Sago Palm, the Caryota Palm and others which flower but once without reproduction from the root....	15c	1.00
Phormium Tenax. "New Zealand Flax." Ornamental and useful. The leaves may be shredded while green into fibre, and used for tying purposes. Per pkt., 10c; oz., \$1.00.		
Tenax Variegata. A variegated variety of the above. Very ornamental.....	10c	.50
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INDEX.

	PAGE		PAGE		PAGE
Acacia Seeds.....	3 and 54-55	Egg Plant.....	14	Palm Seeds.....	60-62
Agricultural Requisites.....	63-64	Egyptian Corn.....	33-34	Parsley.....	20
Seeds.....	27-36	Endive.....	14	Parsnip.....	20
Time of Sowing.....	5	Eucalyptus Seeds.....	55-58	Peas, Garden.....	20-21
Artichoke.....	6	Evergreen Tree and Shrub		Field.....	33
Asparagus.....	6	Seeds.....	58-60	Sweet.....	46
Australian Tree and Shrub		Everlasting Flower Seeds..	44	Pepper.....	21-22
Seeds.....	54-58	Field Peas.....	33	Planet, Jr., Hand Tools.....	64
Beans, Dwarf or Bush.....	6-7	Flower Seeds.....	38-53	Potatoes.....	22
English.....	6	Annals.....	39-43	Pumpkin.....	22 and 29
Pole or Running.....	7	Climbing Plants.....	44-46	Radish.....	22-23
Beets, Table Varieties.....	7-8	California, Native.....	53	Reference Table —	
Sugar.....	27-28	Everlastings.....	44	Vegetable Seeds.....	4-5
Mangel Wurzel.....	28	Novelties and Specialties	1-3	Agricultural Seeds.....	5
Bird Seeds.....	36	Ornamental Gourds.....	44	Rhubarb.....	23
Books, Horticultural.....	64	" Grasses.....	53	Rules for Seed Sowing.....	5
Borecole or Kale.....	14	Perennials.....	46-52	Rye.....	29
Broccoli.....	8	Remarks on Culture of.....	38-39	Salsafy.....	23
Brussels Sprouts.....	8	Fodder Plants.....	31-35	Salt Bush, Australian.....	32
Buckwheat.....	29	Fruit Seeds.....	60	Shrub and Tree Seeds.....	53-60
Cabbage.....	8-9	Garden Requisites.....	63-64	Sorghums.....	34
California Native Seeds.....	53	Garlic.....	14	Sorrel.....	23
Carrot.....	9 and 28	Gourds, Ornamental.....	44	Sowing Tables.....	36-37
Cauliflower.....	10	Grasses.....	31	Spinach.....	24
Celery.....	11	Herbs.....	26-27	Squash.....	24
Chervil.....	11	Horticultural Books.....	64	Sugar Beet.....	27-28
Chicory.....	11	Cutlery.....	64	Sundry Seeds.....	35-36
Climbing Plants, Seeds of.....	44-46	Requisites.....	63-64	Sweet Peas.....	46
Clovers.....	30	Insecticides.....	63	Table of —	
Collards.....	12	Jerusalem Corn.....	33	Weights per bushel.....	37
Conifer Seeds.....	58-60	Kaffir Corn.....	33	Plants per acre.....	37
Corn, Salad.....	12	Kale, or Borecole.....	14	" per mile.....	38
Sweet.....	12	Kohl Rabi.....	15	Sowing.....	36
Field.....	29	Leek.....	15	Seeds per acre.....	37
Pop.....	29	Lettuce.....	15-16	Tobacco.....	24-25
Egyptian.....	33-34	Mangel Wurzel.....	28	Tomato.....	25
Jerusalem.....	33	Melon, Musk.....	16	Tourist Souvenir Collection	53
Kafir.....	33	Water.....	17-18	Tree and Shrub Seeds.....	53-60
Cress.....	12	Millets.....	32-33	Deciduous.....	60
Water.....	12	Miscellaneous fodder plants	33-35	Evergreen.....	58-60
Cucumber.....	13	Mushroom Spawn.....	18	Turnip.....	25-26
Culinary Roots and Plants..	26	Mustard.....	18	Ruta Baga.....	26
Culture of Flower Seeds.....	38-39	Novelties, List of.....	1-3	Vegetable Seeds —	
Cutlery.....	64	Vegetable Seeds.....	1	General List.....	6-27
Dandelion.....	14	Flower Seeds.....	1-3	Novelties and Specialties	1
Deciduous Tree and Shrub		Oats.....	29	Time of Sowing.....	4-5
Seeds.....	60	Okra.....	19	Wheat.....	29
Decorative Plant Seeds.....	62-63	Onion Seeds.....	19-20		
Economic Plants, Seeds of,	35-36	Sets.....	20		

